

February 20, 2008 - System Issues and Status

**Table 1: Process Strategy/Geier as of 2/15/08
Active Requests in order of priority**

| Production Request (PR) | Satellite | Production Strategy | Data Product (SS#) | PGEs | Data Dates | Special Status |
|-------------------------|------------|---------------------|--------------------------|--|---------------------------------|---|
| M-PR 3-02 | | NSIDC-NESDIS | EICE ESNOW (SS4.1) | 4.1-4.0P1 | Standing request | |
| PR 138-07 | FM3 | Test-G5-CERES1 | Clouds (SS4.1-4) | 4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2 | 1/06 | When the DAO-TestSCF-G5-CERES MOA files are delivered to ASDC, drop everything and run PRs 130-07 to 138-07. |
| PR 137-07 | FM3 | Test-G5-CERES1 | Inversion (SS4.5-6) | 4.5-6.1P3 4.5-6.2P2 4.5-6.4P1 | 1/06 | Waiting on MOA |
| PR 136-07 | FM3 | Test-G5-CERES1 | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 1/06 | Waiting on MOA |
| PR 135-07 | FM2 | Test-G5-CERES1 | Clouds (SS4.1-4) | 4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2 | 1/06 | Waiting on MOA |
| PR 134-07 | FM2 | Test-G5-CERES1 | Inversion (SS4.5-6) | 4.5-6.1P2 4.5-6.2P2 4.5-6.4P1 | 1/06 | Waiting on MOA |
| PR 133-07 | FM2 | Test-G5-CERES1 | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 1/06 | Waiting on MOA |
| PR 132-07 | FM1 | Test-G5-CERES1 | Clouds (SS4.1-4) | 4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2 | 7/04 | Waiting on MOA |
| PR 131-07 | FM1 | Test-G5-CERES1 | Inversion (SS4.5-6) | 4.5-6.1P2 4.5-6.2P2 4.5-6.4P1 | 7/04 | Waiting on MOA |
| PR 130-07 | FM1 | Test-G5-CERES1 | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 7/04 | Waiting on MOA |
| PR 10-08 | FM1 or FM2 | Beta4c | TISA avg (SS 7.1) | 7.1.1P1 | 1/01 - 10/01 seasonal months | Waiting on promotion. |
| PR 9-08 | FM3 or FM4 | Beta4c | TISA avg (SS 7.1) | 7.1.1P1 | 1/03 - 10/03 seasonal months | Waiting on promotion. |

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| PR 10B-08 | FM1 or FM2 | Beta4c | Syn SARB (SS 7.2) | 7.2.1P1 | 1/01 | Waiting on promotion. |
| PR 9B-08 | FM3 or FM4 | Beta4c | Syn SARB (SS 7.2) | 7.2.1P1 | 1/03 | Waiting on promotion. |
| PR 8-08 | FM1 or FM2 | Beta4w | TISA avg (SS 7.1) | 7.1.1P1 | 1/01 - 10/01 seasonal months | Waiting on promotion. |
| PR 7-08 | FM3 or FM4 | Beta4w | TISA avg (SS 7.1) | 7.1.1P1 | 1/03 - 10/03 seasonal months | Waiting on promotion. |
| PR 8B-08 | FM1 or FM2 | Beta4w | Syn SARB (SS 7.2) | 7.2.1P1 | 1/01 | Waiting on promotion. |
| PR 7B-08 | FM3 or FM4 | Beta4w | Syn SARB (SS 7.2) | 7.2.1P1 | 1/03 | Waiting on promotion. |
| PR 6-08 | FM3 V005 MOD08 | ValR11 | Inst SARB (SS 5) | 5.0P1 5.1P2 5.4P2 | 5/06 | Waiting on promotion. |
| PR 3-08 | FM1 V005 MOD08 | ValR11 | Inst SARB (SS 5) | 5.0P1 5.1P1 5.4P1 | 5/06 | Waiting on promotion. |
| PR 111-07 | FM1, FM2 | ValR9 | TISA avg (SS10) | 10.0P1 10.0P2 10.0P3 | 7/02, 1/03 | Waiting on Delivery. |
| PR 113-07 | FM3, FM4 | ValR9 | TISA avg (SS10) | 10.0P1 10.0P2 10.0P3 | 7/02, 1/03, 10/04 | Waiting on Delivery. |
| PR 112-07 | FM3, FM4 | ValR10 | TISA avg (SS10) | 10.0P1 10.0P2 10.0P3 | 7/02, 1/03 | Waiting on Delivery. |
| PR 129-07 | FM1 or FM2 | Beta4 | TISA avg (SS 7.1) | 7.1.1P1 | 4/00 – 10/05 seasonal months only | Delivered, waiting on promotion. |
| PR 128-07 | FM1 or FM2 | Beta4 | Synoptic SARB (SS 7.2) | 7.2.1P1 | 4/00 – 10/05 seasonal months only | Delivered, waiting on promotion. |
| PR 127-07 | FM3 or FM4 | Beta4 | TISA avg (SS 7.1) | 7.1.1P1 | 7/02 – 10/05 seasonal months only | Delivered, waiting on promotion. |
| PR 126-07 | FM3 or FM4 | Beta4 | Synoptic SARB (SS 7.2) | 7.2.1P1 | 7/02 – 10/05 seasonal months only | Delivered, waiting on promotion. |

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| Production Request (PR) | Satellite | Production Strategy | Data Product (SS#) | PGEs | Data Dates | Special Status |
|---|----------------------|----------------------------|-----------------------------|---|-------------------|---|
| Standing requests AM- PR 1-05 to 7-05 | Terra | Edition1-CV | BDS/ ERBELike (SS1-3) | 1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1 | Standing request | These PRs replace standing requests AM- PR 1-00 to 7-00. |
| Standing requests PM-PRs 15-05 to 18-05 | FM3 | Edition1-CV | BDS/ ERBELike (SS1-3) | 1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1 | Standing request | These PRs replace standing requests PM-PRs 1-05 to 4-05. |
| Standing requests PM-PRs 11-05 to 14-05 | FM4 | Ed1-CV- NoSW | BDS/ ERBELike (SS1-3) | 1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1 | Standing request | These PRs replace standing requests PM-PRs 7-05 to 10-05. |
| PR 77-07 to 79-07 | FM1 | Edition2B | SARB (SS5) | 5.0P1 5.1P1 5.4P1 | 3/06 - 6/06 | Done 1/31/08. |
| PR 73-07 | FM1 | Edition2C | TISAgid (SS6) | 6.1P1 6.2P1 6.3P1 | 3/06 - 6/06 | |
| PR 80-07 | FM3 | Edition2B | TISAgid (SS6) | 6.1P1 6.2P1 6.3P1 | 12/31/05 - 4/06 | |
| PR 92-07 | FM1, FM2, V005 | Edition2A- QC | Clouds (SS4.1-4) | 4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2 | 4/30/06 - 1/1/07 | |
| PR 91-07 | FM1, FM2 | Edition2F | Inversion (SS4.5-6) | 4.5-6.1P2 4.5-6.2P2 4.5-6.4P1 | 4/30/06 - 1/1/07 | |

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| Production Request (PR) | Satellite | Production Strategy | Data Product (SS#) | PGEs | Data Dates | Special Status |
|--------------------------------|------------------|----------------------------|---------------------------|-------------------------------------|-----------------------------------|-----------------------------------|
| PR 90-07 | FM1, FM2 | Edition2F | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 5/06 - 12/06 | |
| PR 5-08 | FM3 | Edition2C | Inst SARB (SS 5) | 5.0P1 5.1P2 5.4P2 | 5/1/06 – 12/31/06 | Waiting on ValR11 to be approved. |
| PR 4-08 | FM3 | Edition2C | TISA gridding (SS 6) | 6.1P1 6.2P1 6.3P1 | 5/1/06 – 12/31/06 | |
| PR 2-08 | FM1 | Edition2F | Inst SARB (SS 5) | 5.0P1 5.1P1 5.4P1 | 5/1/06 – 12/31/06 | Waiting on ValR11 to be approved. |
| PR 1-08 | FM1 | Edition2F | TISA gridding (SS 6) | 6.1P1 6.2P1 6.3P1 | 5/1/06 – 12/31/06 | |
| PR 12-07 | FM3 | Edition2B | Inversion (SS4.5-6) | 4.5-6.6P3 4.5-6.2P2 4.5-6.4P1 | 7/2/02 hr 15 to 12/31/05 hr 11 | Done 2/7/08. |
| PR 9-07 | FM3 | Edition2B | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 7/2/02 hr 15 to 1/1/06 hr 11 | Done 2/12/08. |
| PR 11-07 | FM4 | Edition2B | Inversion (SS4.5-6) | 4.5-6.6P3 4.5-6.2P2 4.5-6.4P1 | 7/2/02 to 3/30/05 hr 17 | Done 1/15/08. |
| PR 8-07 | FM4 | Edition2B | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 7/2/02 to 3/30/05 hr 17 | Done 1/8/08. |
| PR 84A-07 to 84C-07 | FM3 or FM4 | Edition2B | SARB (SS5) | 5.0P1 5.1P2 5.4P2 | 7/02 - 12/05 | Done 2/12/08. |
| PR 84D-07 | FM3 or FM4 | Edition2B | TISAgrid (SS6) | 6.1P1 6.2P1 6.3P1 | 7/02 - 12/05 | Done 2/15/08. |
| PR 10-07 | FM4 | Ed2B-NoSW | Inversion (SS4.5-6) | 4.5-6.6P3 4.5-6.2P2 4.5-6.4P1 | 3/30/05 hr 18 to 12/31/05 hour 11 | Done 2/7/08. |
| PR 7-07 | FM4 | Ed2B-NoSW | TISA grid (SS9) | 9.2P1 9.3P1 9.4P1 | 3/31/05 hr 12 to 1/1/06 hr 11 | Done 2/12/08. |
| PR 108-07 | FM1, FM2 | Edition2E | TISA avg (SS10) | 10.0P1 10.0P2 10.0P3 | 3/00 - 10/05 | Waiting on ValR9 approval. |

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| PR 110-07 | FM3 | Edition2B | TISA avg (SS10) | 10.0P1 10.0P2 10.0P3 | 7/02 - 10/05 | Waiting on ValR10 approval. |
| PR 109-07 | FM4 | Edition2B | TISA avg (SS10) | 10.0P1 10.0P2 10.0P3 | 7/02 - 3/05 | Waiting on ValR10 approval. |
| M PR 2-06 | | GEOS4 | MOA (SS12) | 12.1P1 | Standing request | Request ends when 12/07 complete. |
| M PR 1-06 | | GEOS4 | PMOA (SS9.1) | 9.1P1 | Standing request | Request ends when 12/07 complete. |

Table 2. February 20, 2008 - System Issues and Status

| Activity | Lead | Status |
|------------------|---------------------|---|
| CM/Documentation | Ayers (Saunders) | <ul style="list-style-type: none"> • See Table 3 for the current CERES Subsystem Delivery Schedule and Table 4 for the current CERES Coefficients Delivery Schedule. (Ayers) • See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers) • Testing the Clouds delivery (SCCR 658) which was received 2/15. (Ayers) • Updating the Clouds Test Plan and Operator’s Manual for SCCR 658. (Saunders) • Provided updates to the ASDC for TISA Averaging (SCCR 660) and Instantaneous SARB (SCCR 668) in response to problems found during operational testing. (Ayers) • Continued the effort to create Excel Operator’s Manuals templates for each subsystem. (Ayers) • Continued the effort to convert the DPC from FrameMaker to Word. (Saunders) • Updated the CERES Subsystem and Coefficients Delivery Schedules and posted them on the Web. (Ayers, Saunders) |

**Table 3. CERES Subsystem Delivery Schedule - February 2008
Next Science Team Meeting - May 6 - 8, 2008 in Newport News**

| 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 658) | January 18 | February 8 | February 15 | Terra/Aqua Beta1 Edition3 SSF processing. New PGEs: CER4.1-4.1P6, CER4.1-4.2P5, CER4.1-4.2P6, & CER4.1-4.3P3. | | X | <i>warlock</i> |
| TISA Averaging (SCCR 667) | January 18 | February 22 | February 29 | To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing. | | | <i>warlock & magneto</i> |
| Instrument (SCCR 610) | February 15 | February 29 | March 7 | To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3 | X | | <i>warlock</i> |
| Inversion (SCCR 666) | February 15 | February 29 | March 7 | Terra/Aqua Beta1 Edition3 SSF processing. New PGEs: CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, & CER4.5-6.4P2. | | X | <i>warlock & magneto</i> |
| TISA Averaging (SCCR 650) | February 29 | March 14 | March 21 | Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3. | | X | <i>warlock & magneto</i> |

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| 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) |
|-----------------|---------------------------------|----------------------|-------------------------|---|--------------------------|------------|------------------------------|
| TISA Gridding | March 14 | March 28 | April 4 | Support Beta1 processing of new ISCCP-like, crosstrack-only data product based on SSF. Product name: CER_ISCCP-D2like_Terra/Aqua_FM1/2/3/4_MODIS_CC.YYYYMM. New PGE CER9.0P1. | | X | <i>warlock & magneto</i> |
| GGEO | April | | | Support Beta1 processing of new ISCCP-like, crosstrack-only, GEO data product based on GGEO. Product name: CER_ISCCP-D2like_GEO_CC.YYYYMM. New PGE CER11.7P1. | | X | <i>warlock & magneto</i> |
| GGEO (SCCR 653) | April | | | Final coefficient delivery for 11/05 - 12/05. Initial coefficient delivery for 1/06 - 12/06. Code delivery to support Beta10 GGEO processing. | | | <i>warlock & magneto</i> |
| Regrid MOA | May | | | To process the G5 CERES data that will be coming to support Edition3. | | | <i>warlock & magneto</i> |
| Clouds | Fall | | | Support TRMM VIRS-only processing of August 2001 forward. | | | <i>warlock & magneto</i> |

**Table 3. CERES Subsystem Delivery Schedule - February 2008
Next Science Team Meeting - May 6 - 8, 2008 in Newport News**

| Subsystem | Preliminary Delivery Memo to CM | Delivery to CERES CM | Release to Langley DAAC | Reason for Delivery | CERESlib Delivery Needed | New PGE(s) | Certified Platform(s) |
|-----------------------|---------------------------------|----------------------|-------------------------|---|--------------------------|------------|------------------------------|
| Inversion | Two to four weeks after Clouds | | | Support TRMM VIRS-only processing. | | | <i>warlock & magneto</i> |
| Inversion | Fall | | | Support Beta2-Edition3 processing. | | | |
| TISA Gridding | Two weeks after Inversion | | | PMOA delta delivery dealing with overlap file checking and reading G5-CERES MOA input. Also, support Beta2-Edition3 SFC processing. | | | <i>warlock & magneto</i> |
| SARB | ??? | | | MATCH (Collection 5) data files for November - December 2007. | | | <i>warlock & magneto</i> |
| Instrument (SCCR 641) | ??? | | | Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1. | | X | <i>warlock & magneto</i> |

Table 4. CERES Coefficients Delivery Schedule - February 2008

| Subsystem | Preliminary Delivery Memo to CM | Delivery to CERES CM | Release to Langley DAAC | Reason for Delivery | Certified Platform(s) |
|--------------------------|---------------------------------|----------------------|-------------------------|---|-----------------------------|
| Instrument/ ERBE-like | N/A | April | | Terra Edition3 gains and spectral response function files for February 2000 - June 2005. | <i>warlock/ magneto</i> |
| Instrument/ ERBE-like | N/A | April | | Aqua Edition3 gains and spectral response function files for June 2002 - March 2005. | <i>warlock/ magneto</i> |
| Instrument/ ERBE-like | N/A | May | | Terra and Aqua Edition2 gains and spectral response function files January - August 2007. | <i>warlock/ magneto</i> |
| Instrument/ ERBE-like | N/A | July | | Terra Edition3 gains and spectral response function files for July 2005 - December 2005. | <i>warlock/ magneto</i> |
| Instrument/ ERBE-like | N/A | September | | Aqua Edition3 gains and spectral response function files for April 2005 - December 2005. | <i>warlock/ magneto</i> |
| GGEO | August | | | Final coefficients for 1/06 - 12/06. | <i>warlock</i> |
| Instrument/ ERBE-like | ??? | | | TRMM Edition3 gains and spectral response function files for December 1997 - April 2000. | <i>warlock/ magneto</i> |

Table 5. SCCR Activity February 4 at 2:30 p.m. – February 19 at 3:00 p.m.

| SCCR | S | U | A | C | D | SS | Page No. | Comments |
|------|---|---|---|---|---|-----------|----------|----------|
| 667 | | | X | | | 8 | | |
| 669 | X | | | | | 4.5 & 4.6 | 9 | |

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

CERES Software Configuration Change Request Submittal

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Subsystem: Inversion4.6 SCCR Date & TIME: 2008-02-13 13:11:01 SCCR No.: 669

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
A new version of the 5 record SSF sample read package will be created for Terra Edition2F and Aqua Edition2C and Ed2C-NoSW SSF's. This version contains no changes in SSF SDS names.

SCCR 659 describes the changes in the SSF product.

Reason for Change (non-Science):
Release of Terra Edition2F and Aqua Edition2C and Ed2C-NoSW required and review of the read package and update of the readme.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
N/A

Estimated Time to Complete Change: 1 week
Planned Delivery Date: February 15, 2008
List Affected Subsystems and PGE Names: N/A

Originator: SOTHCOTT, VICTOR E. (SSAI)

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| SS No. | SS Lead | Status | Problems |
|---------------|------------------------|---|-----------------|
| 1.0 | Cooper (Walikainen) | <ul style="list-style-type: none"> • Continued to track receipt of Terra and Aqua Level-0, Ephemeris and Attitude data. (Cooper, Snyder) • Continued working to put the Instrument Subsystem into the new directory structure before the next delivery. All PGEs are working in the new directory structure. Working on the test scripts to ensure that they work in the new directory structure. (Cooper) • Attended 5-day C++ class in Denver, CO. (Cooper) | |
| 2.0 | Walikainen (Cooper) | <ul style="list-style-type: none"> • Continuing to examine QC checker email generated during production. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) • Created unfiltering coefficients for an alternate approach to determine Edition3 gains and spectral responses. This approach features modest, smooth gain changes for FM3 and FM4, and smooth spectral response changes for RAPS and crosstrack operations. (Walikainen) | |
| 3.0 | Walikainen (Cooper) | Combined with above. | |
| 4.1 | Sun-Mack (Brown) | <ul style="list-style-type: none"> • Worked on Edition3 Beta algorithm, all related issues and delivery to CM. (All) • Processed QC global images and statistics for 200607 for Aqua and Terra for validation runs for Edition3 delivery. (R. Brown) | |
| 4.2 | Sun-Mack | Combined with above. | |
| 4.3 | Sun-Mack | Combined with above. | |

Table 6. February 20, 2008 - Subsystem Issues and Status

| SS No. | SS Lead | Status | Problems |
|---------------|-----------------------|---|-----------------|
| 4.4 | Miller (Sun-Mack) | <ul style="list-style-type: none"> • Created perl scripts to compare all clouds ancillary files. (Miller) • Modified new perl scripts for the Edition3 PGEs. (Miller) • Completed Operator's Manual updates for Edition3 PGEs. (Miller) • Testing of Edition3 code completed. (Miller) • Continued NEWS updates to Edition3 Convolution code. Reading of MODIS matched profile data was implemented. (Miller) • Monitored Terra Edition2A-QC production. (Miller) | |
| 4.5 | Sothcott | <ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Continued working to resolve differences between Edition2 and Edition3 results with LW and WN toaflux. (Sothcott) • Started work to incorporate the final versions of the typedef code. (Sothcott) | |
| 4.6 | Sothcott | Combined with above. | |
| 5.0 | Caldwell (Coleman) | <ul style="list-style-type: none"> • Assisted ASDC in testing of recent 5.0 delivery. (Caldwell) | |
| 7.2 | Caldwell (Coleman) | <ul style="list-style-type: none"> • Working on problems encountered in testing of SCCR 663. (Caldwell) | |
| 12.0 | Caldwell (Coleman) | <ul style="list-style-type: none"> • No new updates. | |
| 7.1 | Nguyen (Raju) | <ul style="list-style-type: none"> • Updated scripts to add CC10_4 and CC10_5 for Aqua testing. (Nguyen) | |

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|---------------|----------------|--|-----------------|
| 8.0 | Nguyen (Raju) | <ul style="list-style-type: none"> • Merged PGE8.1P1 and PGE8.2P1. (Nguyen) • Tested the web plot part on <i>warlock</i> and on <i>magneto</i>. (Nguyen) • Continue providing support to Dave Doelling in validating TOA fluxes. (Nguyen) • Added the zonal interpolation of the SW TOA fluxes and the Downwelling level 1 SW flux. (Nguyen) • Running Terra FM1 and Aqua FM4 for July 2002 for comparison and validation. (Nguyen) | |
| 10.0 | Nguyen (Raju) | <ul style="list-style-type: none"> • No new updates. (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"> • Worked with Dave Doelling in data comparisons between SRBAVG and ISCCP outputs created by Moguo and sent requested outputs from SFC product for him. (Raju) • Included routines in CER9.0 software to create isccp hdf product and code was compiled successfully. Waiting for SDS names from TISA science members. Updated gridding operator's manual to include new PGE information. (Raju) | |
| 11.0 | Raju (Nguyen) | <ul style="list-style-type: none"> • The outputs showed problems with the MTSAT calibration coefficients. Waiting for the new set of coefficient values from Dave Doelling. (Raju) • Compiled CER11.1P10 software successfully on <i>magneto</i> using 3.3.3 gcc version but getting errors with 4.2.2 gcc version. Working with Scott to resolve problem. (Raju) • Started converting PCF shell scripts to perl. (Raju) | |

Table 1: PGE Current Events Status Table

| Subsystem ID | PGE ID | Current PGE Production Status ¹ | Scripts NOMAD compliant ? (Y/N) | Scripts EXIT CODE compliant ? (Y/N) | Prod. Platform (W, M, M*) ² | Test Plan in Word? (Y, N, or Review) | Op Man In Excel? (Y, N, or Review) | Comments | |
|----------------|---------------|--|---------------------------------|-------------------------------------|--|--------------------------------------|------------------------------------|---|--|
| Instrument - 1 | CER1.0P1 | Developing | Y | Y | Planning W, M ¹ | Y | Review | With upcoming delivery | |
| | CER1.1P1 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | CER1.1P2 | Disabled | N/A | N/A | N/A | Y | Review | ? -Activated w/ nxt delivery | |
| | CER1.1P3 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | CER1.1P4 | Disabled | N/A | N/A | N/A | Y | Review | ? -Activated w/ nxt delivery | |
| | CER1.1P5 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | CER1.1P6 | Disabled | N/A | N/A | N/A | Y | Review | ? -Activated w/ nxt delivery | |
| | CER1.2P1 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | CER1.3P1 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | CER1.3P2 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | CER1.3P3 | Active | Y | Y | W | Y | Review | With upcoming delivery | |
| | ERBE-like - 2 | CER2.1P1 | Active | N | N | W | Y | N | |
| | | CER2.2P1 | Active | N | Y | W | Y | N | |
| | | CER2.3P1 | Active | N | Y | W | Y | N | |
| CER2.3P2 | | Active | N | Y | W | Y | N | | |
| CER2.4P1 | | Active | N | Y | W | Y | N | | |
| ERBE-like - 3 | CER3.1P1 | Active | N | Y | W | Y | N | | |
| | CER3.2P1 | Active | N | Y | W | Y | N | | |
| | CER3.2P2 | Disabled | N/A | N/A | N/A | N/A | N/A | | |
| Clouds | CER4.1-4.0P1 | Active | Y | Y | W | Y | N | | |
| 4.1-4 | CER4.1-4.1P1 | Disabled | N/A | Y | W | N/A | N/A | PCF script email / eos + operations and Sunny | |
| | CER4.1-4.1P2 | Active | N | Y | W | Y | N | | |
| | CER4.1-4.1P3 | Active | N | Y | W | Y | N | | |
| | CER4.1-4.1P4 | Active | Y | Y | W | Y | N | PCF to eos operations | |
| | CER4.1-4.1P5 | Active | Y | Y | W | Y | N | PCF to eos operations | |
| | CER4.1-4.1P6 | Delivered | Y | Y | W | Y | N | | |
| | CER4.1-4.2P1 | Active | Y | Y | W | Y | N | | |
| | CER4.1-4.2P2 | Active | Y | Y | W | Y | N | | |
| | CER4.1-4.2P3 | Active | Y | Y | W | Y | N | | |
| | CER4.1-4.2P4 | Delivered | Y | Y | W | Y | N | | |

| | | | | | | | | |
|----------------|--------------|------------|-----|-----|----------------------------|-----|-----|--|
| | CER4.1-4.2P5 | Delivered | Y | Y | W | Y | N | |
| | CER4.1-4.3P1 | Active | Y | Y | W | Y | N | |
| | CER4.1-4.3P2 | Active | Y | Y | W | Y | N | |
| | CER4.1-4.3P3 | Delivered | Y | Y | W | Y | N | |
| | CER4.1-4.4P1 | Disabled | N | Y | W | N | N | In Op Man, but not in FMP. Delete? |
| Inversion/SOFA | CER4.5-6.1P1 | Disabled | N/A | N/A | N/A | N/A | N/A | Probably to be reactivated |
| 4.5-6 | CER4.5-6.1P2 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.1P3 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.1P4 | Developing | Y | Y | Planning W, M ¹ | Y | N | Terra Main Ed3 version of 1P2 |
| | CER4.5-6.1P5 | Developing | Y | Y | Planning W, M ¹ | Y | N | Aqua Main Ed3 version of 1P3 |
| | CER4.5-6.2P1 | Disabled | N/A | N/A | N/A | N/A | N/A | Probably to be reactivated |
| | CER4.5-6.2P2 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.2P3 | Developing | Y | Y | Planning W, M ¹ | Y | N | Subset postprocessor for Terra and Aqua (Ed3 version of 2P2) |
| | CER4.5-6.3P1 | Disabled | N/A | N/A | N/A | N/A | N/A | Probably to be reactivated |
| | CER4.5-6.3P2 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.3P3 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.4P1 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.4P2 | Developing | Y | Y | Planning W, M ¹ | Y | N | Monthly validation site (Ed3 for 4P1) |
| | CER4.5-6.6P2 | Active | Y | Y | W | Y | N | |
| | CER4.5-6.6P3 | Active | Y | Y | W | Y | N | |
| SARB - 5 | CER5.0P1 | Active | N | Y | W, M | Y | N | |
| | CER5.1P1 | Active | N | Y | W | Y | N | |
| | CER5.1P2 | Active | N | Y | M | Y | N | |
| | CER5.2P1 | Deleted | N/A | N/A | N/A | N/A | N/A | |
| | CER5.3P1 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER5.4P1 | Active | N | Y | W | Y | N | |
| | CER5.4P2 | Active | N | Y | W | Y | N | |
| TISA Grid - 6 | CER6.1P1 | Active | Y | Y | W | Y | N | |
| | CER6.2P1 | Active | Y | Y | W | Y | N | |
| | CER6.3P1 | Active | Y | Y | W | Y | N | |
| TISA Avg - 7.1 | CER7.1.1P1 | Active | Y | Y | W, M | Y | N | |
| SARB - 7.2 | CER7.2.1P1 | Active | N | Y | W, M | Y | N | |
| | CER7.2.2P1 | Never Was | N/A | N/A | N/A | N/A | N/A | |
| TISA Avg - 8 | CER8.1P1 | Active | Y | Y | Planning W, M ¹ | Y | N | |
| | CER8.2P1 | Active | Y | Y | Planning W, M ¹ | Y | N | Merging with CER8.1P1 with upcoming delivery |
| TISA Grid - 9 | CER9.0P1 | Developing | Y | Y | Planning W, M ¹ | Y | N | |

| | | | | | | | | |
|----------------|------------|------------|----------|-----|----------------------------|-----|----------|----------------------------------|
| | CER9.1P1 | Active | Y | Y | W | Y | N | |
| | CER9.2P1 | Active | Y | Y | W | Y | N | |
| | CER9.3P1 | Active | Y | Y | W | Y | N | |
| | CER9.4P1 | Active | Y | Y | W | Y | N | |
| TISA Avg - 10 | CER10.0P1 | Developing | Y | Y | Planning W, M ¹ | Y | N | |
| | CER10.0P2 | Developing | Y | Y | Planning W, M ¹ | Y | N | |
| | CER10.0P3 | Developing | Y | Y | Planning W, M ¹ | Y | N | New PGE for plots |
| | CER10.1P1 | Disabled | Y | Y | W | N/A | N/A | Replace with CER10.0P2 |
| | CER10.1P2 | Disabled | Y | Y | W | N/A | N/A | Replace with CER10.0P1 |
| | CER10.2P1 | Deleted | Y | Y | W | N/A | N/A | |
| | CER10.3P1 | Deleted | Y | Y | W | N/A | N/A | |
| | CER10.1P3 | Disabled | Y | Y | W | N/A | N/A | |
| | CER10.1P4 | Active | Y | Y | W | N/A | N/A | Replace with CER10.0P2 for Terra |
| | CER10.1P5 | Active | Y | Y | W | N/A | N/A | Replace with CER10.0P1 for Terra |
| GGEO - 11 | CER11.1P1 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P2 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P3 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P4 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P5 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P6 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P7 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P8 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.1P10 | Active | Y | Y | W | Y | N | |
| | CER11.2P1 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.2P2 | Active | Y | Y | W | Y | N | |
| | CER11.3P1 | Disabled | N/A | N/A | N/A | N/A | N/A | |
| | CER11.4P1 | Active | Y | Y | W | Y | N | |
| | CER11.5P1 | Deleted | N/A | N/A | N/A | N/A | N/A | |
| | CER11.6P1 | Active | Y | Y | W | Y | N | |
| | CER11.7P1 | Developing | Y | Y | Planning W, M ¹ | Y | N | |
| Regrid MOA -12 | CER12.1P1 | Active | N | Y | W, M | Y | N | |

| Table 1 Key: | | |
|-----------------------------|------------|--|
| ¹ Status | Active | Currently able to run in production |
| | Developing | New PGE in development, still to be delivered for the first time. Values in columns to right of the "Current PGE Production Status" column, such as the "Prod. Platform" column, are assumptions only and are highly |
| | Disabled | PGE not currently in production but could be reinstated if requested |
| | Deleted | PGE no longer in production with little or no possibility of being reinstated |
| ² Prod. Platform | W | Currently executes on warlock |
| | M | Ccurrently executes on magneto |
| | M* | Currently in pre-delivery testing on magneto |

| Table 2: CERES Product Current Events Status Table | | | | |
|--|---------------------------|-----------------------------------|---|------------------------------|
| Product Name | Responsible Working Group | Archival, Internal, or Ext. Input | URL in Sample Read README updated? (Y/N) ³ | DPC Pages Converted to Word? |
| BDS | Instrument | Archival | <i>N</i> | <i>N</i> |
| ES-8 | ERBE-like | Archival | <i>N</i> | <i>N</i> |
| ES-9 | ERBE-like | Archival | <i>N</i> | <i>N</i> |
| ES-4 | ERBE-like | Archival | <i>N</i> | <i>N</i> |
| SSF | Inversion | Archival | <i>N</i> | <i>N</i> |
| CRS | SARB | Archival | <i>N</i> | <i>N</i> |
| FSW | TISA-Gridding | Archival | <i>N</i> | <i>N</i> |
| SYN | TISA-Averaging | Archival | <i>N</i> | <i>N</i> |
| AVG | TISA-Averaging | Archival | <i>N</i> | <i>N</i> |
| ZAVG | TISA-Averaging | Archival | <i>N</i> | <i>N</i> |
| SFC | TISA-Gridding | Archival | <i>N</i> | <i>N</i> |
| SRBAVG | TISA-Averaging | Archival | <i>N</i> | <i>N</i> |

| | | | | |
|-----------|----------------|------------|----------|----------|
| New - 9 | TISA-Gridding | Archival | <i>N</i> | <i>N</i> |
| New - 11 | TISA-Averaging | Archival | <i>N</i> | <i>N</i> |
| INSTR | Instrument | Internal | <i>N</i> | <i>N</i> |
| IES | Instrument | Internal | N/A | <i>N</i> |
| EID-6 | ERBE-like | Internal | N/A | <i>N</i> |
| CRH | Clouds | Internal | N/A | <i>N</i> |
| GGEO | TISA | Internal | N/A | <i>N</i> |
| MOA | SARB | Internal | N/A | <i>N</i> |
| CID-VIRS | Clouds | Ext. Input | N/A | <i>N</i> |
| CID-MODIS | Clouds | Ext. Input | N/A | <i>N</i> |
| SURFMAP | Clouds | Ext. Input | N/A | <i>N</i> |
| GEO | TISA | Ext. Input | N/A | <i>N</i> |
| APD | SARB | Ext. Input | N/A | <i>N</i> |
| GAP | SARB | Ext. Input | N/A | <i>N</i> |
| MWH | SARB | Ext. Input | N/A | <i>N</i> |
| OPD | SARB | Ext. Input | N/A | <i>N</i> |

Table 2 Key:

| | |
|-------------------------|---|
| ³ URL Update | Sample Read Package README files: References to URL http://asd-www.larc.nasa.gov/ceres/ASDceres.html need to be updated to http://science.larc.nasa.gov/ceres |
|-------------------------|---|

| Revisions: | | |
|------------|-------------------------------------|--|
| Date | Affected Section or PGE/Product ID | Revision Made |
| 8/7/2007 | All | Added color to distinguish between Yes and No answers |
| | CER1.1P2, CER1.1P4, CER1.1P6 | Added comment indicating possible reactivation |
| | CER4.1-4.1P4, CER4.1-4.1P5 | Changed NOMAD Compliance status from "No" to "Yes" |
| | CER10.1P3 | New PGE added to chart |
| 8/21/2007 | All | Added Prod. Platform column |
| | All | Changed from red font to lightly shaded background to distinguish between Yes and No answers |
| | Inversion | Changed "N/A" to "Y" for NOMAD compliant for Active PGEs |
| 9/4/2007 | All | No changes |
| 9/18/2007 | All | Added 2 columns for Test Plan and Op Man conversion from Framemaker to Word. |
| | All | Added column for updating URL in Sample Read Packages README files consistent with Note 3 in Key Table |
| 10/16/2007 | CER7.1P1, CER8.1P1, CER8.2P2 | Changed status of Test Plans to Word to indicate in review. |
| 10/30/2007 | All remaining PGEs except ERBE-like | Changed status of Test Plans to Word to indicate in review. |
| 11/27/2007 | All | Changed column heading from "Op Man in Word" to Op Man in Excel" |
| | CER1.NPx | Changed Op Man status from "N" to "Review" |
| | CER1.NPx | Changed Prod. Platform column value from "W,M*" to "W" |

| | | |
|------------|---|---|
| 12/11/2007 | All PGEs | Changed status of Test Plans to Word to indicate complete. |
| | CER9.0P1 | Addition - new PGE |
| | CER11.0P1 | Addition - new PGE |
| | except CER1.nPx | Changed status of Op Man in Excel from "Review" to "N" |
| | All PGEs | Removed Table 1 column regarding sample read package updates |
| | All products | Added new Table 2 for product-specific items; (1) sample readme file updates and (2) DPC pages converted to Word |
| | CER10.0P1-3 | Changed Production Status from "Active-to-be" to "Developing" |
| | Table 1 Key | Added new "Developing" status explanation to Footnote 1 |
| | CER10.1P4 CER10.1P5 | Changed Production status back to "Active" to reflect reactivation for Aqua processing |
| | CER10.0Px | Changed Prod. Platform from "W, M*" to "Planning W, M" |
| 1/8/2008 | CER1.0P1 | Changed Production Status from "Active" to "Developing" Changed Prod. Platform from "W, M*" to "Planning W, M" |
| | CER4.1-4.1P6 CER4.1-4.2P4 CER4.1-4.2P5 CER4.1-4.3P3 CER4.5-6.1P4,5 CER4.5-6.2P3 CER4.5-6.3P4,5 CER4.5-6.4P3 | Addition - New PGEs |
| | CER4.1-4.2P3 CER4.1-4.3P2 | Additions to chart that were erroneously omitted previously |
| | | New PGE under development and renumbered as CER11.7P1 |
| | CER11.0P1 | |

| | | |
|-----------|---|--|
| 1/22/2008 | CER2.NPx, CER3.NPx | Changed status of Test Plan in Word column from "N" to "Y" |
| | CER4.5-6P4, CER4.5-6.3P5, CER4.5-6.6P4, CER4.5-6.6P5 | Removed from list as they will not be delivered |
| | CER4.1-4.4P1 | Added row to chart |
| | CER7.1.1P1, CER8.1P1 | Changed Prod Platform to also indicate magneto |
| 2/5/2008 | CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2 | Added magneto to planned platforms |
| | CER8.2P1 | Added magneto to planned platforms, added comment regarding plans to merge PGE with CER8.1P1 |
| 2/19/2008 | CER4.1-4.1P6, CER4.1-4.2P4, CER4.1-4.2P5, CER4.1-4.3P3 | Changed status to "Delivered" to indicate the PGE has been delivered to CM but is not yet in production. Changed "Planning W" to "W" for Prod. Platform. |
| | CER8.2P1 | Updated comment to indicate that this PGE will be merged with CER8.1P1 with the next delivery. |