

October 10, 2018 – System Issues and Status

Table 1: PR Status for 10/10/18
(Status as of 10/05/18)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
*** Baseline1-QC PRs – Standing						
AM 352-17 AM 357-17 SCCRs 1132, 867	Terra	Baseline1-QC	BDS, IES, PRES8, BDSI ES8	1.1P8 2.2P1	Standing Request 6/1/2017 – 12/31/2019	Active Priority 2
PM 353-17 PM 354-17 PM 358-17 SCCRs 1132, 867	Aqua (FM3, FM4)	Baseline1-QC	BDS, IES, PRES8, BDSI ES8	1.1P8 2.2P1	Standing Request 6/1/2017 – 12/31/2019	Active Priority 2
NPP 355-17 NPP 356-17 NPP 359-17 SCCRs 1124, 1132, 867	NPP	Baseline1-QC	Eph, Att BDS, IES, PRES8, BDSI ES8	1.0P3 1.1P8 2.2P1	Standing Request 6/1/2017 – 12/31/2019	Active Priority 2
J01 70-18 SCCR 1124	J01-FM6	Baseline1-QC	Eph, Att	1.0P3	6/1/2018 – 12/31/2019	Active Priority 2
J01 66-18 SCCR 1359	J01-FM6	Baseline1-QC	BDS, IES, PRES8, BDSI	1.1P9	5/1/2018 – 12/31/2019	Active, Priority 2
J01 47-18 SCCR 1326	J01-FM6	Baseline1-QC	ES8	2.2P2	3/1/2018 – 12/31/2019	Active Priority 2
*** Edition1-CV PRs – Standing						
AM 594-17 SCCR 1272	Terra	Edition1-CV	BDS, IES, PRES8, BDSI	1.1P8	Standing request 10/2/2017 – 12/31/2019	Active Priority 2
AM 50-18 SCCR 1331	Terra	Edition1-CV	GAIN	1.4P2	Standing request 3/2018 – 12/2019	Active, Priority 2
AM 611-17 AM 615-17 AM 619-17 AM 624-17 SCCR 867	Terra	Edition1-CV	ERBE-like	2.2P1 2.3P1 2.3P2 3.1P1	Standing Request 10/1/2017 – 12/31/2019 10/2017 – 11/2019	Active Priority 2
PM 595-17 SCCR 1272	Aqua FM3	Edition1-CV	BDS, IES, PRES8, BDSI	1.1P8	Standing request 10/2/2017 – 12/31/2019	Active Priority 2

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PM 51-18 SCCR 1331	FM3	Edition1-CV	GAIN	1.4P2	Standing request 3/2018 – 12/2019	Active, Priority 2
PM 612-17 PM 616-17 PM 620-17 PM 625-17 SCCR 867	Aqua FM3	Edition1-CV	ERBE-like	2.2P1 2.3P1 2.3P2 3.1P1	Standing Request 10/1/2017 – 12/31/2019 10/2017 – 11/2019	Active Priority 2
PM 596-17 SCCR 1272	Aqua FM4	Ed1-CV- NoSW	BDS, IES, PRES8, BDSI	1.1P8	Standing request 10/2/2017 – 12/31/2019	Active Priority 2
PM 52-18 SCCR 1331	FM4	Ed1-CV- NoSW	GAIN	1.4P2	Standing request 3/2018 – 12/2019	Active, Priority 2
PM 613-17 PM 617-17 PM 621-17 PM 626-17 SCCR 867	Aqua FM4	Ed1-CV- NoSW	ERBE-like	2.2P1 2.3P1 2.3P2 3.1P1	Standing Request 10/1/2017 – 12/31/2019 10/2017 – 11/2019	Active Priority 2
NPP 597-17 NPP 598-17 SCCRs 1124, 1272	NPP	Edition1-CV	Eph, Att BDS, IES, PRES8, BDSI	1.0P3 1.1P8	Standing request 10/2/2017 – 12/31/2019	Active Priority 2
NPP 53-18 SCCR 1331	FM5	Edition1-CV	GAIN	1.4P2	Standing request 3/2018 – 12/2019	Active, Priority 2
NPP 614-17 NPP 618-17 NPP 623-17 NPP 627-17 SCCR 867	NPP	Edition1-CV	ERBE-like	2.2P1 2.3P1 2.3P2 3.1P1	Standing Request 10/1/2017 – 12/31/2019 10/2017 – 11/2019	Active Priority 2
J01 68-18 SCCR 1124	J01-FM6	Edition1-CV	Eph, Att	1.0P3	1/6/2018 – 12/31/2019	Active, Priority 2
J01 64-18 SCCR 1359	J01-FM6	Edition1-CV	BDS, IES, PRES8, BDSI	1.1P9	1/6/2018 – 12/31/2019	Active, Priority 2
J01 71-18 SCCR 1331	J01-FM6	Edition1-CV	GAIN	1.4P2	1/2018 –12/2019	Active, Priority 2
J01 65-18 SCCR 1326	J01-FM6	Edition1-CV	ES8	2.2P2	1/6/2018 – 12/31/2019	Active, Priority 2

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J01 129-18 J01 130-18 J01 131-18 SCCR 1356	J01-FM6	Edition1-CV	ERBE-like	2.3P1 2.3P2 3.1P1	2/1/18 – 12/1/19 1/31/18 – 10/31/19 1/2018 – 11/2019	Active Priority 2
*** Snow and Ice Products PRs – Standing						
M 392-17 SCCR 1262	CERES	NSIDC	SNOW	2.1P1	Standing Request 5/2017 – 12/2019	Active Priority 2
M 55-18 SCCR 1309	CERES	NSIDC-CLASS	EICE ESNOW	4.1-4.0P2	Standing Request 4/1/18 – 12/31/19	Active Priority 2
M 56-18 SCCR 1309	CERES	NSIDC-AFWA-Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request 4/1/18 – 12/31/19	Active Priority 2
*** MOA/PMOA Products PRs – Standing						
M 113-17 SCCR 749	CERES	GMAO-G541-Ed4	MOA	12.1P2	Standing request 1/2/17 thru 2/1/19	Active Priority 2
M 114-17 SCCR 1018	CERES	GMAO-G541-Ed4	PMOA	9.1P2	Standing Request 1/1/17 – 1/31/19	Active Priority 2
The PRs that follow are the Non-Standing PRs that can be processed						
*** Edition 4 Instrument & ERBElike PRs						
*** Edition 1 NPP Instrument and ERBE-like PRs						
288-18 SCCR 1202	FM5	Edition1	BDS, IES PRES8	1.4P3	5/1/18 – 8/31/18	Active, Priority 2
289-18 SCCR 1337	FM5	Edition1	ES8	2.2P1	5/1/18 – 8/31/18	Active, Priority 2
290-18 SCCR 1337	FM5	Edition1	CXDR	2.3P1	5/1/18 – 8/1/18	Active, Priority 2
291-18 SCCR 1337	FM5	Edition1	CXDR	2.3P2	4/30/17 – 7/31/18	Active, Priority 2
292-18 SCCR 1337	FM5	Edition1	ES4, ES9	3.1P1	4/2018 – 7/2018	Active, Priority 2
**** Beta2-Ed4 SSFi --> SSF, Edition4 SSF						

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
358-16 SCCR 1075	Aqua-MODIS	Edition4A	SSF1deg-month	10.0P5	10/2004	Review Complete Priority 2
AM 219-18, 221-18, 223-18, 225-18 SCCR 1368	FM1, FM2	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P5 4.1-4.2P4 4.1-4.3P3	6/1/18 – 12/31/18 6/1/18 – 12/31/18 6/1/18 – 12/31/18 6/2018 – 12/2018	Active, Priority 2
PM 220-18, 222-18, 224-18, 226-18 SCCR 1368	FM3, FM4	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P5 4.1-4.2P4 4.1-4.3P3	6/1/18 – 12/31/18 6/1/18 – 12/31/18 6/1/18 – 12/31/18 6/2018 – 12/2018	Active, Priority 2
AM 227-18 SCCR 1220	Terra-MODIS	Edition1-CV	SSF	4.5-6.0P6	6/2018 – 12/2018	Active, Priority 2
PM 228-18 SCCR 1220	Aqua-FM3 MODIS	Edition1-CV	SSF	4.5-6.0P6	6/2018 – 12/2018	Active, Priority 2
AM 229-18 AM 232-18 AM 235-18 SCCRs 1252, 1218, 1219	Terra-MODIS	Edition1-CV	SSF	4.5-6.1P6 4.5-6.2P3 4.5-6.4P2	4/1/2018 – 12/31/2018 4/2018 – 12/2018	Active Priority 2
PM 230-18 PM 233-18 PM 236-18 SCCRs 1252, 1218, 1219	Aqua-FM3 MODIS	Edition1-CV	SSF	4.5-6.1P6 4.5-6.2P3 4.5-6.4P2	4/1/2018 – 12/31/2018 4/2018 – 12/2018	Active Priority 2
PM 231-18 PM 234-18 PM 237-18 SCCRs 1252, 1218, 1219	Aqua-FM4 MODIS	Ed1-CV-NoSW	SSF	4.5-6.1P6 4.5-6.2P3 4.5-6.4P2	4/1/2018 – 12/31/2018 4/2018 – 12/2018	Active Priority 2
274-18, 276-18, 278-18 SCCR 1336	Terra-MODIS	Edition4A	SSF-1deg	9.2P3 9.3P3 9.4P3	4/1/18 – 5/31/18 4/2018 – 5/2018	Active, Priority 2
275-18, 277-18, 279-18 SCCR 1336	Aqua-MODIS	Edition4A	SSF-1deg	9.2P3 9.3P3 9.4P3	4/1/18 – 5/31/18 4/2018 – 5/2018	Active, Priority 2
280-18 SCCR 1177	Terra-MODIS	Edition4A	SSF1deg-month	10.0P5	4/2018 – 5/2018	Active, Priority 2

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281-18 SCCR 1177	Aqua-MODIS	Edition4A	SSF1deg-month	10.0P5	4/2018 – 5/2018	Active, Priority 2
282-18 SCCR 1394	Terra-MODIS	Edition4A	SAH	5.0P3	3/2000 – 12/2014	Active, Priority 2
283-18 SCCR 1394	Aqua-MODIS	Edition4A	SAH	5.0P3	7/2002 – 3/2005	Active, Priority 2
284-18 SCCR 1394	Aqua-MODIS	Edition4A	SAH	5.0P3	4/2005 – 12/2014	Active, Priority 2
285-18 SCCR 1394	Terra-MODIS	Edition4A	SAH	5.0P3	1/2015 – 2/2016	Active, Priority 2
286-18 SCCR 1394	Aqua-MODIS	Edition4A	SAH	5.0P3	1/2015 – 2/2016	Active, Priority 2
*** Edition 4A PMOA, TSI --> SYNI --> SYN1deg						
287-18 SCCR 1185	Terra	Edition4A	SYNI	7.2.1P2	3/2000 – 6/2002	Active, Priority 2
306-18 SCCR 1185	Terra-Aqua	Edition4A	SYNI	7.2.1P2	10/2004 – 12/2011	Active, Priority 2
307-18 SCCR 1410	Terra	Edition4A	SYN1deg	8.1P2	3/2000 – 6/2002	Pending DMT PM Review, Priority 2
*** Edition 1 NPP Clouds, Inversion, and TISA PRs						
293-18 to 296-18 SCCRs 1163, 1047	FM5	Edition1A	SSFi	4.1-4.1P7 4.1-4.2P7 4.1-4.2P6 4.1-4.3P4	5/1/18 – 8/31/18 5/2018 – 8/2018	Active, Priority 2
297-18 - 300-18, SCCRs 1220, 1347, 1218, 1219	FM5	Edition1A	SSF	4.5-6.0P6 4.5-6.1P7 4.5-6.2P3 4.5-6.4P2	5/2018 – 8/2018 5/1/18 – 8/31/18 5/1/18 – 8/31/18 5/2018 – 8/2018	Ready Final, Priority 2 Active, Priority 2 Pending DMT PM Review, Priority 2
301-18 SCCR 1340	NPP-VIIRS	Edition1A	SAH	5.0P3	5/2018 – 8/2018	Ready Final, Priority 2

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302-18 303-18 304-18 SCCR 1336	NPP-VIIRS	Edition1A	SSF-1deg	9.2P3 9.3P3 9.4P3	5/1/18 – 8/31/18 4/2018 – 7/2018 4/2018 – 7/2018	Pending DMT PM Review, Priority 2
305-18 SCCR 1177	NPP-VIIRS	Edition1A	SSF1deg-month	10.0P5	4/2018 – 7/2018	Pending SS Review Priority 2
*** ISCCP-D2like Stream (all the ISCCP-D2like products)						
**** ValRx PRs for newly delivered PGEs						
1002-14 SCCR 1028	FM1, FM2	ValR1028	SAH	5.0P3	7/2004	ValRx Review Priority 2
1003-14 SCCR 1028	FM3, FM4	ValR1028	SAH	5.0P3	7/2004	ValRx Review Priority 2
1004-14 SCCR 1041	FM1 FM2	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1005-14 SCCR 1041	FM3	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1006-14 SCCR 1041	FM4	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1007-14 SCCR 1041	FM5	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1008-14 SCCR 1041	FM1 FM2	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1009-14 SCCR 1041	FM3	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1010-14 SCCR 1041	FM4	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1011-14 SCCR 1041	FM5	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 2
1150-15 1152-15 1154-15 1156-15 SCCR 919	Terra	ValR1-P6	SSFi	4.1-4.1P4 4.1-4.2P2 4.1-4.2P3 4.1-4.3P2	4/13	On Hold - Preproduction - ValRx Review Priority Level 2

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1151-15 1153-15 1155-15 1157-15 SCCR 919	Aqua	ValR1-P6	SSFi	4.1-4.1P5 4.1-4.2P2 4.1-4.2P3 4.1-4.3P2	4/13	On Hold - Preproduction - ValRx Review Priority Level 2
290-13 thru 292-13 SCCR 913	Terra	ValR1-P6	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	On Hold - Preprod - ValRx Review Priority Level 2
293-13 thru 295-13 SCCR 913	Aqua	ValR1-P6	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	On Hold - Preprod - ValRx Review Priority Level 2
296-13 297-13 298-13 SCCR 913	Terra	ValR1-X86	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	On Hold - Preprod - ValRx Review Priority Level 2
299-13 thru 301-13 SCCR 913	Aqua	ValR1-X86	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	On Hold - Preprod - ValRx Review Priority Level 2
1803-15 SCCR 1025	Terra+ Aqua	ValR1-X86	SYN1deg	8.1P2	10/2009	Review Complete Priority 2
5-16 SCCR 1097	Terra+ Aqua	ValR1-X86	SYN1deg	8.1P2	7/2008	Review Complete Priority 2
79-16 80-16 81-16 82-16 83-16 84-16 85-16 SCCR 1110	NPP Terra FM3 FM4 Terra FM3 FM4	ValR-Ed1 ValR-Ed3 ValR-Ed4	BDS, IES	1.4P3	6/1/15 – 6/2/15	On Hold – Pre Production - ValRx Review Priority 2
648/649/650- 17 SCCR 1237	GEO- MODIS	ValR-Fall	CldTypHist	9.0P6 9.0P7 9.0P8	10/2001	Ready Final, Priority 2 Review Complete (3 rd)
651/652/653- 17 SCCR 1237	GEO- MODIS	ValR-Winter	CldTypHist	9.0P6 9.0P7 9.0P8	12/2008	Ready Final, Priority 2 Review Complete (3 rd)

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**** The PRs are for PGEs that have not completed pre-op testing and been promoted to the production environment						
**** The PRs that follow are for PGEs that are pending delivery or other future event.						
**** The PRs that follow have completed processing						
744-14 SCCR 1016	Terra	ValR1016	SSF1deg-month	10.0P4	12/2013	Review Complete Should be Complete
745-14 SCCR 1016	Aqua	ValR1016	SSF1deg-month	10.0P4	12/2013	Review Complete Should be Complete
746-14 747-14 SCCR 1016	Terra+ Aqua	ValR1016	TSI	10.0P3 7.3.1P1	12/2013	Complete Review Complete Should be Complete
750-14 SCCR 801	Terra+ Aqua	ValR1016	SYN1deg	8.1P1	12/2013	Review Complete Should be Complete
987-14 SCCR 947	Terra	ValR1040-Ed4	SSFi	4.1-4.1P6	7/1/2007	Pending SS Review Should be complete
988-14 SCCR 947	Aqua	ValR1040-Ed4	SSFi	4.1-4.1P6	7/1/2007	Pending SS Review Should be complete
1568-15 SCCR 1025	Terra+ Aqua	ValR1-X86	SYN1deg	8.1P2	10/2002	Review Complete Priority 2, ran 7/13/15
1396-15 SCCR 1047	FM5	Edition1A	SSFi	4.1-4.1P7	1/1/13 – 3/31/14	P6 PR Rejected by SS, replaced w/ 1448-15

Table 2. October 10, 2018 – System Issues and Status

Activity	Lead	Status
SEC	Miller	• No new updates. (Miller - Walter.F.Miller@nasa.gov)
CM/Documentation	Ayers (Saunders)	• See Table 3 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 3. (Ayers - Tammy.O.Ayers@nasa.gov) • SCCR 1377 – Formatted the updated Instrument Test Plan and posted it on the Web. (Saunders – Joanne.H.Saunders@nasa.gov) • SCCR 1423 – Delivered the Edition4 collection 6.1 MATCH files for January 2008 – December 2009 to the dropbox. (Keyes - Dennis.F.Keyes@nasa.gov) • SCCR 1424 – Delivered the Edition4 collection 6.1 MATCH files for January 2010 – December 2011 to the dropbox. (Keyes) • Formatted the updated SSF1deg-Day and SSF1deg-Month Data Products Catalog, posted them on the Web, and delivered them to the appropriate personnel. (Saunders) • SCCR 1410 – Installed, compiled, and tested TISA Averaging PGE CER8.1P2 on AMI-P-x86. Installed the delivery in PPE and ran the ValR PRs and released it for promotion to production after the ValR results were validated. (Ayers) • SCCR 1410 – Formatted the updated TISA Averaging Test Plan and posted it on the Web. (Saunders) • SCCR 1387 – Formatted the updated ERBE-like Subsystem 2.0 Operator’s Manual and posted it on the Web. Also updated and posted the File Management Policy as appropriate. (Saunders) • SCCR 1376 – Installed, compiled, and tested Instrument PGE CER1.1P10 on AMI-P-x86. Waiting for updates to the archiver for this PGE (SCCR 1401) before promoting the delivery to the PPE. (Ayers) • SCCR 1429 – Installed and tested this delta delivery for Instantaneous SARB PGE CER5.0P3 in SSIT and PPE. Awaiting validation of the CAT-Test PRs. (Keyes) • SCCR 1428 – Installed and tested this update to the CATALYST PGE module for PGE CER5.0P3. Awaiting validation of the CAT-Test PRs. (Keyes) • SCCR 1387 – Installed ERBE-like PGEs CER2.3P1, CER2.3P2, CER2.2P1, and CER2.2P2 in SSIT. Executing the test plan test cases. (Keyes)

Table 3. SCCR Activity September 25 at 12:00 p.m. – October 9 at 7:30 p.m.
(SCCRs to be reviewed are in bold. Total to be reviewed: 0)

SCCR	S	U	A	C	D	SS	Delivery Type	Page No.	Comments
1379		X	X			PR Tool Database	Automation		New target delivery date
1387			X			ERBE-like	PGE		
1397			X			CATALYST	Automation		
1398			X			CATALYST	Automation		
1406		X	X			Instrument	PGE		New target delivery date
1410				X		TISA Averaging	PGE		
1417			X			PR Tool Database	Automation		
1418		X				PR Tool Web	Automation		New target delivery date
1423	X		X	X		Synoptic SARB	Dropbox		Approved by default
1424	X		X	X		Synoptic SARB	Dropbox		Approved by default
1425	X		X			Instrument	Coefficients		Approved by default
1426	X		X			ERBE-like	Coefficients		Approved by default
1427	X		X			Synoptic SARB	Dropbox		Approved by default
1428	X		X			CATALYST PGE Module(s)	Automation		Approved by Katie Moore via email on 10/01/18
1429	X		X			Instantaneous SARB	Delta		Approved by Katie Moore via email on 10/01/18
1430	X		X	X		Inversion	Dropbox		Approved by default

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

CERES Software Configuration Change Request Update

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No CERES Software Configuration Change Request Updates.

Table 4. October 10, 2018 – Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	Nothing to report. (Hillyer - Thomas.N.Hillyer@nasa.gov)	
CERES-lib	Hillyer (Wilkins)	Ran several instances of CERES PGEs to produce profile data and provided it to the MASQ team. (Hillyer)	
Perl-Lib	Hillyer (Wilkins)	SCCR 1384 – Waiting to be released to production alongside the active ERBE-like deliveries. (Hillyer)	
CERES Proc. System	Hillyer (Wilkins)	- SCCR 1295 – No updates. Waiting for TISA Gridding in order to proceed with testing on the SCF. (Hillyer) - SCCR 1378 – Delivered to CERES CM on 8/17. Waiting for PGE CER1.1P10 (SCCR 1376) and PR Database SCCR 1379 to be delivered to AMI-P before CM testing can start. (Hillyer) - SCCR 1391 – Delivered to CERES CM on 8/20. Waiting for ERBE-like PGEs (SCCR 1387) to be delivered to AMI-P before CM testing can start. (Hillyer) - SCCR 1401 – Delivered to CERES CM on 8/17. Making adjustment to profile to shift all BDS* products to the priority dropbox. (Hillyer) - SCCR 1428 – Added MATCH-hourly as a “mandatory” input product for CER5.0P3’s PGE handler. Delivered to CERES CM on 10/3. (Hillyer) - SCCR 1397 – Working on implementation of CATALYST server routines to provide a high-level summary of all PR activity to the Operator’s Console. Modifying CATALYST-SGE code to accelerate SGE job submission/monitoring/finalization. Planning to deliver this in October. (Hillyer) - SCCR 1398 – Working on updated Operator’s Console to add new reporting tools that summarize all active PRs in CATALYST. Planning to deliver this in October. (Hillyer) - Provided support for CATALYST in production environment. (Hillyer)	
1.0	Cooper (Grepitotis)	- SCCR 1425 – Terra/Aqua Edition4 gain updates for June thru July 2018 will be delivered at the end of October. (Snyder – Kathleen.D.Snyder@nasa.gov) - SCCR 1406 – PGE CER1.4P2 updates to use the new Instrument library. Delivery is expected to be in	

SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	October 2018. The delivery may be delayed due to the delayed ERBE-like delivery and PR Database delivery issues. The PR Database has been delayed due to issues with the database server used for testing. (Timcoe – Mark.G.Timcoe@nasa.gov) • SCCR 1407 – PGE CER1.4P3 updates to use the new Instrument library. Delivery is expected to be in October 2018. The delivery may be delayed due to the delayed ERBE-like delivery and PR Database delivery issues. The PR Database has been delayed due to issues with the database server used for testing. (Grepitotis – Arthur.T.Grepitotis@nasa.gov) • SCCR 1408 – PGE CER1.0P3 updates to use the new Instrument library. Delivery is expected to be in October 2018. The delivery may be delayed due to the delayed ERBE-like delivery and PR Database delivery issues. The PR Database has been delayed due to issues with the database server used for testing. (Grepitotis) • SCCR 1376 – PGE CER1.1P10 is waiting to be promoted. Waiting on the ERBE-like delivery and the PR Database delivery for this new PGE. (Cooper – Denise.L.Cooper@nasa.gov, Grepitotis, Timcoe) • SCCR 1377 – PGE CER1.4P3 is waiting for the ERBE-like updates to be delivered and promoted before it can be promoted. (Cooper) • The updated GIT repository has been updated and the team is now using branches to make updates for SCCRs 1406, 1407, and 1408. (Cooper, Grepitotis, Snyder, Timcoe)	
2.0	Walikainen (Lande)	• SCCR 1387 - Delivered tar files, Operator's Manual, and Test Plan. Delivered update and sent instructions which CM used to resolve recompilation issues. Approved remaining ValRs and notified CM. (Walikainen - Dale.R.Walikainen@nasa.gov) • SCCR 1387 - Kept track of progress, verified delivery with Carla and Dennis, and researched issue of missing directories in delivery found by Dennis: sent report to Dennis and Dale of my findings and what Dennis can do to resolve it. Reminded Dale to approve remaining ValRs (went over with him, verified, CM notified). Went over documentation (Test Plan, Delivery Memo, Requirements Log) and where to send them with him, his delivery plans, and discussed these with Tammy. (Lande - Jeremie.lande-1@nasa.gov)	

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	• SCCR 1410 - Created the ValRs in PPE, and sent notice with links of what I did (later approved/activated/evaluated). Also researched/created the first (Terra only) PR in prod, and notified Ed (SS approved). (Lande) • SCCR 1376/1379 - Kept track of progress on these deliveries with Tammy and Carla so as to be able to write ValRs. (Lande) • Researched/created first Terra-Aqua SYNI rerun PRs with new C6.1 inputs: 200410-201112. Sent report to Walt of issues encountered while doing so (CC#/date typos, using SAH C6.1 re-run data as inputs and their current statuses in the DPO/prod and the related incomplete PGE CER5.0P3 PR, the current status of the MCD43C1 files in the archive (no sign yet of a C6.1 version)), forwarded report to Tom and went over potential issues in it with him, and reported findings back to Walt (issues addressed in reply). Discussed getting optional PGE to appear in clone of original T-A PR (299-16) with Walt, and later with Carla: her specific fix and the general rule for cloning PRs with optional PGEs. (Lande) • Continued reviewing/updating the PR Status document; sent to be included in CPOB reports. (Lande) • Researched, created, and sent a progress report on the current prod data streams to Jonathan and Katie with explanation and statuses. (Lande) • Completed Best Place to Work in VA - Employee Survey. (Lande)	
3.0	Walikainen (Lande)	• Combined with above.	
4.1	Sun-Mack (Brown)	• Continuing development of the new IWG site. Finishing up plotting of Beta Angles and figuring some issues out with Highcharts. (Heckert - Elizabeth.C.Heckert@nasa.gov) • Added new column to the CERES Website database table for video URLs. (Heckert) • Recreated plot files of time series for Ed4 regional cloud retrievals with C61 MODIS data. (Chen - Yan.Chen-1@nasa.gov) • Updated Ed4 Time Series to August of 2018. (Chen) • Continue testing Python plot package and gave suggestions to improve it. (Chen)	

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	• Web downloaded some Aqua MODIS 1km/500m/250m data for 1.6μm channel recovery study. Modified the subset code to get good scan value for channel 1.6μm. Web downloaded August 1 of 2018 MYD021KM and MYD02QKM to test the new subset code. (Chen) • Made improvements to Map Processing Python tool. Tested on 5-deg, 1-deg, and 10min files, multi map files, and float, short, and byte files. (Smith - Rita.A.Smith@nasa.gov) • Did some timing analysis on Map Processor and improved plotting times. (Smith) • Researched reading netcdf files with Python. (Smith) • Attended XSEDE MPI class for two days. (Smith) • Began running 2x2 Edition 4 clouds code for requested days to assist in a paper. (Smith) • QC global images and statistics for Aqua and Terra Beta2-Ed4 for 201808 were processed and posted on the Web. (Brown - Ricky.R.Brown@nasa.gov) • Continued working on converting QC validation PERL scripts to PHP. Also working on converting Edition2 QC plot scripts from PERL to PHP. (Brown) • Worked with group members on various tasks. (Sun-Mack - Szedung.Sun-Mack-1@nasa.gov) • Assisted Rabi on GEO clouds THM implementations. (Sun-Mack) • Attended XSEDE MPI class at ODU (two days). (Sun-Mack) • Working with Pat Minnis on Ed4 paper (retrieval). (Sun-Mack) • Processed a month of C3M with THM and the same month with Rough Model. (Sun-Mack)	
4.2	Sun-Mack	• Combined with above.	
4.3	Sun-Mack	• Combined with above.	
4.4	Miller (Antropov)	• Maintained Confluence pages in support of production. (Miller - Walter.F.Miller@nasa.gov) • Worked with the SIT on continuing CERES production. (Miller) • Submitted Suomi-NPP Edition1A SSF1deg PRs for May through August 2018. (Miller) • Submitted Terra SYNI PRs for Terra-Aqua October 2004 through June 2006. (Miller) • Worked on updating PCF scripts to include GEO clouds netCDF names. (Antropov - Igor.Antropov@nasa.gov)	

SS No.	SS Lead	Status	Problems
4.5	Sothcott (Caldwell)	• SCCR 1430 - Delivered SORCE TSI data through 9/30/18. (Sothcott - Victor.E.Sothcott@nasa.gov) • Continued to work with direct access ancillary files. (Sothcott)	
4.6	Sothcott (Caldwell)	• Combined with above.	
5.0	Caldwell (Sothcott)	• SCCRs 1424 and 1427 - Delivery of Edition4 MATCH using collection 6.1 inputs for 2010 through 2014. (Caldwell - Thomas.E.Caldwell@nasa.gov) • This completes the back processing of collection 6.1 MATCH. (Caldwell) • SCCR 1429 - Delta delivery to update PCF generator for PGE CER5.0P3 to list MATCH inputs as mandatory. (Caldwell)	
7.2	Caldwell (Sothcott)	• Nothing new to report. (Caldwell)	
12.0	Caldwell (Sothcott)	• Nothing new to report. (Caldwell)	
7.1	Nguyen (Kizer)	• Continue working on identifying the common subroutines and list the differences between the subroutines. Creating a .ppt file for documentation. (Nguyen - Le.T.Nguyen@nasa.gov)	
8.0	Nguyen (Kizer)	• Validation of the ValR runs were conducted. The comparison of the ValR runs compared 100% with the SCF versions. An alternate run to compare differences expected with new code was also conducted with desired results. (Kizer - Edward.A.Kizer@nasa.gov)	•
10.0	Nguyen (Kizer)	• Adding more details of cloud algorithms to the Power Point flow chart for SSF1deg Full. (Nguyen)	
9.0	J. Wilkins	• SCCR 1260 – FluxByCldType Edition 4 product code delivery planned for mid-October. Waiting on input from science to rerun data record tests with any changes from science. Fixing an issue discovered when running a Terry-only and Terra-Aqua merge run for the same date simultaneously. (Wilkins - Joshua.C.Wilkins@nasa.gov) • Attended weekly TISA meetings. (Wilkins) • Attended TISA code review meetings. (Wilkins) • Continued managing GIT repositories and assisting TISA team members as needed. (Wilkins)	

SS No.	SS Lead	Status	Problems
9.0 (Cont'd)	J. Wilkins	• Worked on learning Python more in depth. Converted existing IDL plotting code for plotting fluxbycldtyp and ssf1deg-hour differences. Went through Python coding book. (Wilkins)	
11.0	J. Wilkins	• GGEO – Preparing for MODIS C6.1 rerun from 2016-Present. (Wilkins) • GGEO – Ran four seasonal months from 2017 using C6.1 for Dave for the CERES Science Team Meeting. (Wilkins) • GGEO – Continued thorough dive of GGEO code as time allows, looking for places to improve. Focus on better handling new satellite additions to the code, planning to pull out satellite ID hard coded in code to a lookup file to make it easier to add satellites in the future, and eliminating duplicate code for the TISA code improvement effort. Made progress working on a generalized GGEO library using mixed Fortran and C++ functionality which can be accessed by all PGE routines. Testing changes for data consistency as they are made. (Wilkins)	

Table 5. October 10, 2018 – Subsystem Issues and Status

Activity	Status
Production Processing Database/Automation (Grune)	• SCCR 1418 - Continued to develop PR-Tool update for ValR PRs in PPE and to better monitor the progress of ValRs via search or the "View Jobs" page; to deliver 10/19/18. (Heckert – Elizabeth.C.Heckert@nasa.gov) • SCCR 1417 - Continued to develop PRDB update for ValR PRs in PPE; to deliver 10/19/18. (Grune – Carla.O.Grune@nasa.gov) • SCCR 1379 - Continued to code, test, and update test plan for PRDB update to add support for new PGE CER1.1P10; to deliver 10/12/18. (Grune) • SCCR 1306 - PRDB code and documents completed to add new PGE CER9.0P5, FluxByCldTyp; to deliver 10/19/18. (Grune) • WebRA (CERES Website, CERES_WEB, CERES_PMDB) - restore databases: ceres_cc_test to CERES_PMDB and CERES_ORDERING_STATS_PROD to CERES_WEB on webdb.cluster.net for environments dev, test, and production. (Heckert, Grune, Kizer – Edward.A.Kizer@nasa.gov) - o IT-XYZ - Restore databases above to CERES_PMDB and CERES_WEB – on-hold for security scanning of CERES Website.
CERES Websites (Kizer)	• Working with the ASDC and Booz Allen on a CERES Website Deep Dive test. (Kizer – Edward.A.Kizer@nasa.gov)
CERES Ordering Tool (Chu/Mitrescu)	• Working on a new release for OT that allow to subset CCCM product. (Chu - Churngwei.Chu-1@nasa.gov) • Because dsrvr121 (PostGIS DB) is down, the process of promoting new release OT with CCCM product to the ptest environment is on halt. Since the versions of OS and tomcat on production and ptest are different, this new release cannot be promoted until the production system (subset1 and subset2) are upgraded. (Chu) • Made some mockup pages for browsing CCCM product and showed them to the customer. (Chu) • Working with the ASDC to move two database servers on ceres-subset1 to DMZ DB server. It is waiting for firewall rules being changed. (Chu) • The configuration of tomcat servers on ptest seems incorrect for handling httpOnly cookies and closing opened files. The tomcats need more tests after dsrvr121 is back on. (Chu) • Generate SSFLiteDAR till 05/2018 for internal QC. (Mitrescu - Cristian.Mitrescu@nasa.gov) • Investigate why production machines are slow. (Mitrescu) • Generate production orders on internal machines; clean up scratch space. (Mitrescu) • Work with the ASDC to reboot production machines. (Mitrescu) • Generate MATCH C6.1 for internal QC. (Mitrescu)

CERES PGE List - 10/09/2018

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	Applicable Satellites				Applicable Editions Edition3 Processing Completed 03/2017					
Subsystem ID	PGE ID	SCCR (exe)	P6	P6 TK Ver	P7	P7 TK Ver	X86	X86 TK Ver	CATALYST Integration Status (Y / N / Dev / SSI&T) SCCR #	Terra	Aqua	NPP	J01	T, A Ed4	NPP Ed1	T,N Ed1	B1-QC	Ed1-CV	Other
Instrument 1	CER1.0P2	911	Y	16	N	N/A	Y	16	N			Y					Y	Y	
	CER1.0P3	1124	N	N/A	N	N/A	Y	18	Y			Y	Y				Y	Y	
		1408 ^{dev}																	
	CER1.1P8	1272	N	N/A	N	N/A	Y	18	Y	Y	Y	Y						Y	
		1132															Y		
	CER1.1P9	1359	N	N/A	N	N/A	Y	18	Y				Y				Y	Y	
	CER1.1P10	1376 ^{cm}	N	N/A	N	N/A	Y	18	1378 ^{cm}	Y	Y	Y	Y				Y	Y	
	CER1.4P2	1331	N	N/A	N	N/A	Y	18	Y	Y	Y	Y	Y					Y	
		1406 ^{dev}																	
	CER1.4P3	1202	N	N/A	N	N/A	Y	18	Y	Y	Y	Y		Y	Y				
		1377 ^{cm}																	
		1407 ^{dev}																	
ERBE-like 2	CER2.1P1	1262	N	N/A	N	N/A	Y	16	Y										Y
	CER2.2P1	1337	N	N/A	N	N/A	Y	16	Y	Y	Y	Y		Y	Y				
		1387 ^{cm}																	
		867	Y	16													Y	Y	
	CER2.2P2	1326	N	N/A	N	N/A	Y	18	Y				Y				Y	Y	
		1387 ^{cm}																	
	CER2.3P1	1356	N	N/A	N	N/A	Y	16	Y				Y					Y	
		1337								Y	Y	Y		Y	Y				
		1387 ^{cm}																	
		867	Y	16														Y	
	CER2.3P2	1356	N	N/A	N	N/A	Y	16	Y				Y					Y	
		1337								Y	Y	Y		Y	Y				
		1387 ^{cm}																	
		867	Y	16														Y	
ERBE-like 3	CER2.4P1	1330	N	N/A	N	N/A	Y	18	Y	Y	Y			Y					
	CER3.1P1	1356	N	N/A	N	N/A	Y	16	Y				Y					Y	
		1337								Y	Y	Y		Y	Y				
		867	Y	16														Y	
	CER3.2P1	1337	N	N/A	N	N/A	Y	16	Y	Y	Y			Y					
Clouds 4.1-4		867	Y	16														Y	
	CER4.1-4.0P2	1309	N	N/A	N	N/A	Y	18	Y										Y
	CER4.1-4.0P3	1309	N	N/A	N	N/A	Y	18	Y										Y
	CER4.1-4.1P6	1368	N	N/A	N	N/A	Y	18	Y	Y	Y			Y					
	CER4.1-4.2P4	1368	N	N/A	N	N/A	Y	18	Y	Y	Y			Y					
	CER4.1-4.2P5	1368	N	N/A	N	N/A	Y	18	Y	Y	Y			Y					
	CER4.1-4.3P3	1368	N	N/A	N	N/A	Y	18	Y	Y	Y			Y					
	CER4.1-4.1P7	1163	N	N/A	Y	18	N	N/A	Y			Y			Y				
	CER4.1-4.2P6	1047	N	N/A	Y	18	N	N/A	Y			Y			Y				
	CER4.1-4.2P7	1047	N	N/A	Y	18	N	N/A	Y			Y			Y				
Inversion 4.5-6	CER4.5-6.0P6	1220	N	N/A	N	N/A	Y	18	Y	Y	Y							Y	
	CER4.5-6.1P6	1252	N	N/A	N	N/A	Y	18	Y	Y	Y			Y				Y	

