

PGE Number Priority	Integration Testing at the SCF (% complete/date completed)	Verification at the SCF (% complete/date completed)	Delivery to CM (% complete/date completed)	ASDC Promoted to Production	Comments
<b>Build 1 -- NCT#3 Support</b>					
<b>CER1.0P2 -- New RDR L0</b>	10/15/2008 (>75%)	1/15/2009	2/1/2009		Expected to be completed earlier than the larger CER1.1P8 software <b>10/21/08:</b> Sample RDRs from IDPS expected in late Oct, with proxy filled RDRs due to show up in Nov.
<b>CER1.0P2 -- New RDR Eph/Att</b>	10/15/2008 (>75%)	1/15/2009	2/1/2009		Expected to be completed earlier than the larger CER1.1P8 software <b>10/21/08:</b> Sample RDRs from IDPS expected in late Oct, with proxy filled RDRs due to show up in Nov.
<b>Scripts</b>	11/15/2008 (0%)	1/15/2009	2/1/2009		
<b>CERESlib C-Metadata</b>	9/15/2008 (>75%)	1/15/2009	2/1/2009		Expected to be completed earlier than the larger CER1.1P8 software
<b>Test Plans &amp; other documentation</b>	N/A	1/15/2009	2/1/2009		Expected to be completed earlier than the larger CER1.1P8 software
<b>CER1.1P8</b>	1/15/2009 (25-50%)	2/15/2009	3/1/2009		Rel1 to include the following functionality -- Read NPP L0, process instrument parameters necessary for geolocation and radiance conversion, conversion of counts to radiance, output of time, raw and drift correct radiance counts, co-lat and long, in a BDS-Like HDF format along with some QC reports <b>10/06/08:</b> Some re-work was found to be necessary due to the Toolkit requiring C-arrays that were initially defined as C++ vectors.
<b>CER1.2P1</b>	9/15/2008	2/15/2009	3/1/2009		Minimal changes anticipated to existing C-code

<b>Scripts</b>	1/15/2009	2/15/2009	3/1/2009		
<b>Test Plans &amp; other documentation</b>	N/A	2/1/2009	3/1/2009		Updates may or may not be required for this to the documentation.
<b>Build 2 -- PreLaunch Freeze</b>					
<b>CER1.2P1</b>	6/15/2009	8/15/2009	10/15/2009		Fully functional support for Terra/Aqua and NPP
<b>CER1.0P2 -- Updated RDR L0</b>	6/15/2009	8/15/2009	10/15/2009		Update as necessary after NCT#3 testing. This may include bug fixes or changes in RDR format from the documented formats.
<b>CER1.0P2 -- Updated RDR Eph</b>	6/15/2009	8/15/2009	10/15/2009		Update as necessary after NCT#3 testing. This may include bug fixes or changes in RDR format from the documented formats.
<b>Test Plans &amp; other documentation</b>	N/A	9/15/2009	10/15/2009		Updates may or may not be required for this to the documentation.
<b>CER1.1P8</b>	10/15/2009	11/30/2009	12/1/2009		Fully functional support for Terra/Aqua and NPP
<b>Test Plans &amp; other documentation</b>	N/A	11/30/2009	12/1/2009		Updates may or may not be required for this to the documentation.
<b>Build 3</b>					
<b>CER1.3P1</b>	TBD	TBD	TBD		Work will not begin on this PGE until after all updates to support NPP launch have been completed
<b>CER1.3P2</b>	TBD	TBD	TBD		Work will not begin on this PGE until after all updates to support NPP launch have been completed
<b>CER1.3P3</b>	TBD	TBD	TBD		Work will not begin on this PGE until after all updates to support NPP launch have been completed
<b>Test Plans &amp; other documentation</b>	N/A	TBD	TBD		Updates may or may not be required for this to the documentation.
<b>Build 4 -- Post Launch Edition1 Updates</b>					
<b>CER1.1P8</b>	Launch+5	Launch+7	Launch+9		Updates to ancillary data and possible problems found on orbit
<b>CER1.2P1</b>	Launch+5	Launch+7	Launch+9		Updates to ancillary data and possible problems found on orbit
<b>CER1.3P1</b>	Launch+5	Launch+7	Launch+9		Updates to any ancillary data files and any problems found with updates to support NPP
<b>CER1.3P2</b>	Launch+5	Launch+7	Launch+9		Updates to any ancillary data files and any problems found with updates to support NPP
<b>CER1.3P3</b>	Launch+5	Launch+7	Launch+9		Updates to any ancillary data files and any problems found with updates to support NPP

Test Plans & other documenta	N/A	TBD	TBD		Updates may or may not be required for this to the documentation.

PGE Number Priority	Target Machine	Integration Testing at the SCF (% complete/date completed)	Verification at the SCF (% completed/date completed)	Delivery to CM (% complete/date completed)	ASDC Promoted to Production	Comments
CER1.1P1-6	New IBM Platform	Code for delivery for SCCR#610 can support this effort. (1 - 25%)	Ready for port to new platform 6/26/08	Supported by existing delivery for SCCR #610, new expected output would need to be provided.		Code supports Terra and Aqua Ops on the Target Machine. Requires Ada compiler, Toolkit, CERESlib and possible new C-version of CERESlib Metadata. <b>9/22/08:</b> New platform is available. Work to transfer over existing code and compile the main subsystem will begin this week. <b>10/08/08:</b> Work to get the correct set up for CERESlib, etc. has begun. Currently still working to compile all of the code.
CER1.2P1 (already in C)	New IBM Platform	6/26/2008 (1-25%)	Ready for port to new platform 6/26/2008	Supported by existing delivery for SCCR #610, new expected output would need to be provided.		Code is already in C and a run of this code supporting Terra and Aqua can be performed whenever the new system is available. It may be possible to update the code to use the new C-version of CERESlib Metadata if it is available before the new system is ready for testing. <b>9/22/08:</b> New platform is available. Work to transfer over the existing code and compile this PGE will begin this week. <b>10/21/08:</b> The code has been compiled and run on the x86 testbed, however the output products do not match expected results and may be due to little-endian. This effort has been put on hold to play with the Ada compiler on the x86 platform.
CER1.3P1	New IBM Platform	Code for delivery for SCCR#610 can support this effort.	Ready for port to new platform 6/26/08	Supported by existing delivery for SCCR #610, new expected output would need to be provided.		Code supports Terra and Aqua Ops on the Target Machine. Requires Ada compiler, Toolkit, CERESlib and possible new C-version of CERESlib Metadata. <b>9/22/08:</b> New platform is available. Work to transfer over the existing code and compile this PGE will begin this week.

