

CERES Requirements Log - ERBE-like

Requirement	SCCR	Provider	Responsible Subsystem	Responsible Person	How was it conveyed?	When was it received?	When was it accepted?	When was it completed?	Current Status
Provide Analysis to determine updated Spectral Response Functions for Edition2 processing		Kory Priestley	ERBE-like	Dale Walikainen	Team Mtgs	2001	2001	7/15/2010	
Maintain Web Pages showing trends in Spectral Responses, Nadir Direct Comparison, SW Bin Plotting, Three Channel Intercomparison		Kory Priestley	ERBE-like	Dale Walikainen	Team Mtgs	2002	2002	On-going activity	Web Pages updated on a periodic basis depending on data type/availability
Monitor Instrument Performance and Code Changes		Kory Priestley	ERBE-like	Dale Walikainen	Team Mtgs	2002	2002	On-going activity	Monitor QC reports (with QC checker) and data products on a periodic basis based on data type/availability
Maintain ERBE-like Code		Kory Priestley	ERBE-like	Dale Walikainen	Team Mtgs	1992	1992	On-going activity	Update ERBE-like Subsystem code as necessary when problems are discovered with the code or changes.
Convert code to work on <i>magneto</i>	734 & 735	ASDC	ERBE-like	Dale Walikainen	DMT Mtgs	2008	2008	10/12/2010	
Move all ERBElike PGEs to the new directory structure defined by the SEC.	735 & 735	SEC	ERBE-like	Dale Walikainen	DMT Meeting	2008	2008	10/12/2010	
Change code to handle new daily snow file names. Change from NISE_SSMIF13_yyyymmdd.HDFE OS to NISE_SSMISF17_yyyymmdd.HDFEOS.	726 & 729	ASDC	ERBE-like	Dale Walikainen	Email from Sue Sorlie 9/16/2009. Sue also discussed this issue at the 9/16/09 DMTM.	9/16/2009	9/16/2009	12/11/2009	Met with Tak, John & Jonathan @3:30 12/10. Tak agreed that the changes I reported in a 10/28/09 email were acceptable "my words". I sent Sue Sorlie an email telling her to resume processing of NSIDC data on <i>warlock</i> (12/11/09).
Place Terra, Aqua and TRMM data onto same radiometric Scale. As of 10/9/09 all instruments will be adjusted to FM1 levels.	730 & 732	Norman Loeb	ERBE-like and Inversion	Dale Walikainen, Victor Sothcott and Peter Szewczyk	Email from Norman 9/15/09 and 10/9/09	9/15/2009	9/15/2009	10/28/2009	
Determine Edition3 spectral responses (SRs).		Science Team	ERBE-like and Instrument	Instrument Working Group.	Science Team meetings. Instrument working meetings. Status update meetings with Norman.	Before 2005 (my best guess)	Before 2005	On-going activity	Delivering every two months.
Update quadratic coefficients that account for SW Thermal leak. Currently, all instrument use coefficients derived from TRMM.	730 & 732	Science Team	ERBE-like	Dale Walikainen	Science Team meetings. Instrument working meetings. Status update meetings with Norman.	Since 2007	Since 2007	10/28/2009	

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Update ERBElike code to handle FM5.	727	Science Team	ERBE-like	Dale Walikainen	Science Team meetings. Instrument working meetings. Status update meetings with Norman.	Since 2008	Since 2008	10/28/2009	
Convert and deliver ERBE-like subsystems to AMI-P6 platform	740	Lisa Coleman	ERBE-like	Dale Walikainen	email	11/2/2009	11/2/2009	11/9/2011	
Create crosstrack only ES4s and ES9s.	734	Tak, John & Jonathan	ERBE-like	Dale Walikainen	Emails 12/10 and 12/11. Meeting @3:30 12/10/09.	12/10/2009	12/11/2009	9/20/2010	
Recompile the magneto-P4 ERBE-like code on an AMI-P6 platform and fix ES4 graphics labeling issue	740	Jonathan & Tak	ERBE-like	Dale Walikainen	emails	11/17/2009	11/17/2009	Jan-11	Testing completed
Rename ERBE-like executables & c-shell scripts to new AMI format	740	Jonathan & Tammy	ERBE-like	Dale Walikainen	CERES Software Bulletin 10-01 + emails	4/30/2010	4/30/2010	Jan-11	Testing completed
Convert ERBE-like PCF generators & Run Scripts from c-shell to Perl	740	Jonathan	ERBE-like	Dale Walikainen	CERES Software Bulletin 10-01 + conversations with Tammy/Denise	4/30/2010	4/30/2010	Feb-11	Testing completed
Upgrade ERBE-like subsystems to the new DPO-like directory structure	740	Jonathan & Tammy	ERBE-like	Dale Walikainen	CERES Software Bulletin 10-01 + AMI Delivery Tutorial + f2f conversations with	4/30/2010 & 1/19/2011	4/30/2010 & 1/19/2011	Feb-11	Testing completed
Add SGE capability for job submissions of all ERBE-like PGEs	740	Jonathan & Tammy	ERBE-like	Dale Walikainen	emails + f2f conversations with Tammy/Denise	4/28/2010	4/28/2010	7/29/2011	
Standardize exit codes	867	Denise Cooper	ERBE-like	Dale Walikainen	Email and CPOB meeting	8/1/11 & 9/7/11	8/1/2011	7/1/2012	Delivered to CM 7/1/12
Subsystems to be both P6 & x86 compatible 6 months after FM5 launch	867	Jonathan Gleason	ERBE-like	Dale Walikainen	IWG & CPOB meeting	9/6/11 & 9/7/11	9/6/2011	7/1/2012	Delivered to CM 7/1/12
Make Post-SG1 web products available on the Web.		Kory Priestley	ERBE-like	Dale Walikainen	Email 8/17/2011	8/17/2011	8/17/2011	11/10/2011	Cron job looked for new files every 15min. June 2012 modified to once a day.
Create prelaunch FM5 unfiltering coefficients.	868	Susan Thomas	ERBE-like	Dale Walikainen	Email 8/11/2011	8/11/2011	8/11/2011	12/1/2011	Promoted to CERESlib with SCCR-859
Remove DQCGW and DQCBW as Subsystem 3 products.	867	Dale Walikainen	ERBE-like	Dale Walikainen	Email approval from Tak Wong.	11/7/2011	11/7/2011	7/1/2012	Delivered to CM 7/1/12
Make output gif files archivable.	867	Jonathan Gleason	ERBE-like	Dale Walikainen	Email 9/28/11	9/28/2011	9/28/2011	7/1/2012	Delivered to CM 7/1/12
Update ES8 HDF sample read package	893	Lisa Coleman	ERBE-like	Dale Walikainen	email	4/6/2012	4/6/2012	4/30/2012	
Update ES4 HDF sample read package	894	Lisa Coleman	ERBE-like	Dale Walikainen	email	4/6/2012	4/6/2012	4/30/2012	
Update ES9 HDF sample read package	895	Lisa Coleman	ERBE-like	Dale Walikainen	email	4/6/2012	4/6/2012	4/30/2012	
Update CER2.4P1 script to only work with p6.	936	Jonathan & Tammy	ERBE-like	Dale Walikainen	Conversation with Tammy 10/16. eMail from Jonathan 10/16. eMail from Tak 10/15.	10/16/2012	10/16/2012	10/16/2012	Promoted 11/1/12

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Enable CER3.1P1 to run Edition3 with CATALYST.	936	Jeremie Lande	ERBE-like	Jeremie Lande	Via testing with new environment variable SS3in.	9/25/2012	9/25/2012	9/25/2012	Promoted 11/1/12
Disable web/stats directory clearing in clr_dir.PGE3.2P1.csh	945	Jonathan & Tammy	ERBE-like	Jeremie Lande	CPOB meeting 1/23/13	1/23/2013	1/23/2013	1/23/2013	Delivered to CM 1/23/12
Fix the Dec 21/22 Terra X-track mode listings in the last 2 leap year (2012 & 2016) input ancillary files (2.2P1 Edition3 processing).	966	Jeremie Lande	ERBE-like	Jeremie Lande	Email & phone conversation with Angel Cross.	4/16/2013	4/16/2013	4/16/2013	Delivered to CM 4/16/13
Determine Edition4 spectral responses (SRs).	983	Science Team	ERBE-like and Instrument	Instrument Working Group.	Instrument working group meetings. Status update meetings with Norman. Reported at May-2012 Science Team Meeting. 11/8/11 email from Norman.	11/8/2011	11/8/2011	On-going activity	Delivered Terra & Aqua SRs for Jan10 - Dec13 [8/21/14], validated next set of SRs (Jan14-Dec14) [4/27/15].