CERES Requirements Log - Regrid MOA

Reqm'ts No.	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
12-1.0	Make any necessary modifications to Regrid MOA Subsystem to enable OpenSource environment processing	615	Mike Little	Regrid MOA	Tom Caldwell	DMT meeting	04/20/05	04/20/05	03/03/06	Completed
12-2.0	Updated ASCII file generator to provide correct dates for SSMI file names for December 2005 processing	612	ASDC	Regrid MOA	Tom Caldwell	Email	01/23/06	01/23/06	01/25/06	Completed
12-1.1	Enable use of OMI as ozone backup source instead of EPToms	615	Tom Charlock	Regrid MOA	Tom Caldwell	Email	01/11/06	01/11/06	03/03/06	Completed
12-1.2	Implement use of EPToms climatology to fill any gaps in new OMI data	615	Tom Charlock	Regrid MOA	Tom Caldwell	Email	02/08/06	02/08/06	03/03/06	Completed
12-1.3	Update moa_io modules to allow reading of Merra-based MOA files	656	ASDC	Regrid MOA	Tom Caldwell	Phone	05/22/07	05/22/07	05/25/07	Completed
12-1.4	Add Deallocate statement for BegReg_SKT array in subroutine Get_SKT_Reg in moa_io_read	661	Raja Raju	Regrid MOA	Tom Caldwell	Email	10/16/07	10/16/07	11/02/07	Completed
12-1.5	Enable interface of G5-MOA files in CERESlib software	683	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	10/16/07	10/16/07	10/08/08	Completed
12-1.6	Add new version of MOA_to_TISA routine in CERESlib to resolve Rajas runtime problem on magneto	683	Raja Raju	Regrid MOA	Tom Caldwell	Email	08/12/08	08/12/08	10/08/08	Completed
12-1.7	Enable processing of G5-CERES data in RegridMOA software	686	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	10/16/07	10/16/07	12/15/08	Completed
12-1.8	Implement new directory structure requested by SEC	686	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	10/16/07	10/16/07	12/15/08	Completed
12-1.9	G5 ozone data to replace OMI data as backup to SMOBA ozone data	686	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	05/12/08	05/12/08	12/15/08	Completed
12-2.0	Edition3 MOA: Implement 2m and 10m temperature and humidity for near surface profile levels	705	Fred Rose	Regrid MOA	Tom Caldwell	Email	11/13/08	11/13/08	02/27/09	Completed
12-2.1	Edition3 MOA: Write hourly temperature and humidity native-grid data to MOA file for hourly profile interpolation	705	Fred Rose	Regrid MOA	Tom Caldwell	Email	11/13/08	11/13/08	02/27/09	Completed
12-2.2	Edition3 MOA: G5 ozone data to become primary ozone data source	705	Tom Charlock	Regrid MOA	Tom Caldwell	Email	11/13/08	11/13/08	02/27/09	Completed
12-2.3	Create new PGE for Edition3 MOA	705	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	02/20/09	02/20/09	02/27/09	Completed
12-2.4	Modify moa_io modules to support delivery	706	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	02/25/09	02/25/09	02/27/09	Completed
12-2.5	Correction ASCII file generator problem encountered in ValRx testing	713	Tom Caldwell	Regrid MOA	Tom Caldwell	Self-imposed	05/21/09	05/21/09	05/22/09	Completed

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12-2.6	Enable PCF scripts to use CERES000 G5 inputs for 07/2006 processing	737	ASDC	Regrid MOA	Tom Caldwell	Email	10/26/09	10/26/09	10/30/09	Completed
12-3.0	Changes to scripts and Makefiles to eliminate ASCII file generator and allow processing on AMI machines	749	ASDC	Regrid MOA	Tom Caldwell	Self-imposed	12/10/09	12/10/09	12/18/09	Completed
12-3.1	Correction to G5 data read routine which caused incorrect near-surface humidity profile values	749	ASDC	Regrid MOA	Tom Caldwell	Self-imposed	12/10/09	12/10/09	12/18/09	Completed
12-3.2	Implementation of 12-3.1 on magneto	753	ASDC	Regrid MOA	Tom Caldwell	Self-imposed	12/16/09	12/16/09	12/17/09	Completed
12-3.3	Updated ASCII file scripts to use CERES201 filenames in magneto forward stream processing	821	ASDC	Regrid MOA	Tom Caldwell	Email	12/22/10	12/22/10	01/20/11	Completed
12-3.4	Correction to G5 file version number in ASCII scripts on magneto	830	ASDC	Regrid MOA	Tom Caldwell	Email	01/26/11	01/26/11	02/03/11	Completed
12-3.3	Correction to ozone input directory in ASCII scripts on magneto	858	ASDC	Regrid MOA	Tom Caldwell	Email	07/22/11	07/22/11	07/28/11	Completed
12-3.5	Update to run scripts for 12.1P1 on AMI to use G5.2 (CERES100, CERES200) input files.	899	ASDC	Regrid MOA	Tom Caldwell	Email	05/16/12	05/16/12	06/08/12	Completed
12-3.6	Correction to CER12_1P1_FileUtils.pm script to use correct ozone file names for beg and end of month days in ValRx testing.	920	ASDC	Regrid MOA	Tom Caldwell	Self-imposed	07/30/12	07/30/12	08/06/12	Completed
12-3.7	The MOA interpolation routines that read data for TISA gridding will be updated so that hourly skin temperatures are returned in interpolated MOA records when accessing Edition4 MOA	1019	Raja Raju	Regrid MOA	Tom Caldwell	Email	05/30/14	05/30/14	07/28/14	Completed
12-3.8	Removal of ppc64 and p6 references from compilation and run scripts with appropriate documentation updates.	1349	Walt Miller	Regrid MOA	Tom Caldwell	email	02/22/18	02/22/18	03/12/18	Completed