

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 SSML 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