

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 Merrra-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 |
| 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 |

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 |
|-------------|---|------|-----------|-----------------------|--------------------|----------------------|-----------------------|-----------------------|------------------------|----------------|
| 12-3.0 | Changes to scripts and Makefiles to eliminate ASCII file generator and allow processing on AML 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 AML 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 |