

fastrack2013.1_prognotes.pdf

This file lists some of the software and structural changes included in McIDAS-X version 2013.1 that are most likely to affect your locally-developed McIDAS code.

(See http://www.ssec.wisc.edu/mcidas/software/x/fastrack2013.1_changes.txt for the complete list of code changes included in McIDAS-X 2013.1.)

SSEC recommends that you always compile and link all local code after installing each new version of McIDAS-X. Use the information below to determine if you should make additional changes or accommodations to your local code.

- Meteosat-10 is scheduled to become operational 21 January 2013. To prepare for this satellite and Meteosat 11, code changes were required to include new calibration coefficients. The following modules were updated:

CORE.SAT	isir.for	kbxmsg.dlm
mstutil.for	SATANNOT	SATBAND

- The calibration module **kbxcoms.dlm** was updated to use the correct magnification for albedo values. Previously the albedo range was from 0.0-1.0; the range is now 0.0 to 100.0%. Additionally, the shortwave IR wavelength in **SATBAND** was changed from 3.9 to 3.75. Changes were also made to **isir.for** to correctly identify IR bands.
- Error messages from the text server were longer than expected, causing the McIDAS-XRD command ADVDISP to fail. The string length of the error message was increased in **m0wtxget.c** to correct the problem.
- The McIDAS-X GUI is now working on Mac OS X 10.7 and 10.8 systems. Changes to **gui.shk**, **mcidas.sh** and **mcinst.sh** were required to allow users to again start the GUI.
- The capability to specify a gateway IP address has been added for ADDE requests using SSH tunneling. The modules **dataloc.pgm** and **m0tunnel.c** were updated for this enhancement.