**TIFF CHANGE INFORMATION**

**Current Version**: v4.0.6  
**Previous Version**: [v4.0.5](http://docs.google.com/v4.0.5.html)  
**Master FTP Site**:  [download.osgeo.org](ftp://download.osgeo.org/libtiff), directory pub/libtiff  
**Master HTTP Site**: <http://www.simplesystems.org/libtiff/>

This document describes the changes made to the software between the *previous* and *current* versions (see above). If you don't find something listed here, then it was not done in this timeframe, or it was not considered important enough to be mentioned. The following information is located here:

* [Major Changes](#gjdgxs)
* [Changes in the software configuration](#30j0zll)
* [Changes in libtiff](#1fob9te)
* [Changes in the tools](#3znysh7)
* [Changes in the contrib area](#2et92p0)

**MAJOR CHANGES:**

* Now builds with CMake 2.8.9 and newer (previously required 3.0.0)

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* CMakeLists.txt / CMake
  + Supports CMake 2.8.9 and later.
  + Add missing file which wasn't being distributed, causing unit tests to fail.
  + Make shared/static library building configurable.
  + CMake reads all version information directly from configure.ac to avoid duplication of values.
  + CMake builds are now included in 'distcheck' target.
* Makefile.am
  + Autotools 'make distcheck' now tests the CMake-based build if CMake is available.

**CHANGES IN LIBTIFF:**

* Fixes to avoid undefined behaviour of signed types (C standard compliance).
* Fixes to avoid possible isses when casting to unsigned char.
* Fixes to avoid undefined behaviour with shifts.
* Fix generation of output with 16 bit or 32 bit integer, when byte swapping is needed, in horizontal predictor (#2521).
* Fix decoding when there is a single pixel to decode (unlikely case...) and byte swapping is involved.
* Add add explicit masking with 0xff before casting to uchar in floating-point horizontal differencing and accumulation routines.
* Eliminate requirement for and use of 64-bit constant values.

**CHANGES IN THE TOOLS:**

* tiffgt
  + Silence glut API deprecation warnings on MacOS X.
* fax2ps
  + Detect failure to write to temporary file.

**CHANGES IN THE CONTRIB AREA:**

* None

Last updated $Date: 2016-09-25 20:05:47 $.