**TIFF CHANGE INFORMATION**

**Current Version**: v3.7.4  
**Previous Version**: [v3.7.3](http://docs.google.com/v3.7.3.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](#tyjcwt)
* [Changes in the software configuration](#30j0zll)
* [Changes in libtiff](#1fob9te)
* [Changes in the tools](#3znysh7)
* [Changes in the contrib area](#2et92p0)

**MAJOR CHANGES:**

* Fixed important bug in custom tags handling code..

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* Applied patch from Patrick Welche (all scripts moved in the 'config' and 'm4' directories).
* SConstruct, libtiff/SConstruct: Added the first very preliminary support for SCons software building tool (http://www.scons.org/). This is experimental infrastructure and it will exist along with the autotools stuff.
* port/lfind.c: Added lfind() replacement module.

**CHANGES IN LIBTIFF:**

* tif\_dir.c: When prefreeing tv->value in TIFFSetFieldV also set it to NULL to avoid double free when re-setting custom string fields as per: <http://bugzilla.remotesensing.org/show_bug.cgi?id=922>
* tif\_dir.c: Fixed up support for swapping "double complex" values (128 bits as 2 64 bits doubles). GDAL gcore tests now pass on bigendian (macosx) system.
* libtiff/{tif\_dirread.c, tif\_dirinfo.c}: Do not upcast BYTEs to SHORTs in the TIFFFetchByteArray(). Remove TIFFFetchExtraSamples() function, use TIFFFetchNormalTag() instead as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=831> Remove TIFFFetchExtraSamples() function, use TIFFFetchNormalTag() instead.
* tif\_print.c: Fixed printing of the BYTE and SBYTE arrays.
* tif\_write.c: Do not check the PlanarConfiguration field in the TIFFWriteCheck() function in case of single band images (as per TIFF spec).
* libtiff/{tif\_dir.c, tif\_dir.h, tif\_dirinfo.c, tif\_print.c}: Make FieldOfViewCotangent, MatrixWorldToScreen, MatrixWorldToCamera, ImageFullWidth, ImageFullLength and PrimaryChromaticities tags custom.

**CHANGES IN THE TOOLS:**

* tiffcp.c: Fixed WhitePoint tag copying.

**CHANGES IN THE CONTRIB AREA:**

* tiffdump.c: Added support for TIFF\_IFD datatype.
* addtiffo/{tif\_overview.c, tif\_ovrcache.c, tif\_ovrcache.h}: Make overviews working for contiguous images.

Last updated $Date: 2016-09-25 20:05:45 $.