



Federal Aviation Administration

SAFETY ALERT

Date: December 22, 2011
To: Users of the digital-Visual Charts (d-VC)
From: Aeronautical Navigation Products (AeroNav Products)
Subject: Change to digital-Visual Charts (d-VC)

Change to digital-Visual Charts (d-VC)

Digital-Visual Charts (d-VC) are now being created using ArcMap 10. This software upgrade affects the way TIFF tags are written.

Users that have established automated processes to read these TIFF tags may need to make minor adjustments to accommodate for these differences. Please be aware that all GeoTIFF information is stored in the following TIFF tags:

ModelPixelScaleTag (Tag Code 33550)
ModelTiepointTag (Tag Code 33922)
GeoKeyDirectoryTag (Tag Code 34735)
GeoDoubleParamsTag (Tag Code 34736)
GeoAsciiParamsTag (Tag Code 34737)

Please see the following website for reference: <http://www.remotesensing.org/geotiff/spec/geotiffhome.html>

Please note the following changes:

The following tags are no longer provided:

Orientation (Tag Code 274)
XResolution (Tag Code 282)
YResolution (Tag Code 283)
ResolutionUnit (Tag Code 296)
Software (Tag Code 305)

The following tags are added:

GDAL_METADATA (Tag Code 42112)
GDAL_NODATA (Tag Code 42113)

These changes will be implemented as new chart editions are printed. As such, the product will contain files that conform to the old TIFF tag specifications as well as the new TIFF tag specifications until all charts have been replaced by new editions.