

listgeo.exe & geotifcp.exe (FREE - GeoTIFF Header Utility Programs)

```
C:\WINDOWS\system32\cmd.exe
X:\>listgeo
Usage: listgeo [-d] [-tfw] [-proj4] [-no_norm] [-t tabledir] filename

-d: report lat/long corners in decimal degrees instead of DMS.
-tfw: Generate a .tfw <ESRI TIFF World> file for the target file.
-proj4: Report PROJ.4 equivalent projection definition.
-no_norm: Don't report 'normalized' parameter values.
filename: Name of the GeoTIFF file to report on.

X:\>geotifcp
usage: gtiffcp [options] input... output
where options are:
-g file      install GeoTIFF metadata from <file>
-e file      install positioning info from ESRI Worldfile <file>
-a          append to output instead of overwriting
-o offset    set initial directory offset
-p contig    pack samples contiguously (e.g. RGBRGB...)
-p separate  store samples separately (e.g. RRR...GGG...BBB...)
-s          write output in strips
-t          write output in tiles
-i          ignore read errors
-d          truncate 8 bitspersample to 4bitspersample

-r #        make each strip have no more than # rows
```

```
6455_2116b.txt - Notepad
File Edit Format View Help
Geotiff_Information:
Version: 1
Key_Revision: 1.0
Tagged_Information:
ModelTiepointTag (2,3):
0 0 0
6455920 2121840 0
ModelPixelscaleTag (1,3):
0.33 0
End_Of_Tags.
Keyed_Information:
GTModelTypeGeoKey (Short,1): ModelTypeProjected
GTRasterTypeGeoKey (Short,1): RasterPixelsArea
GTCitationGeoKey (Ascii,263): "IMAGINE GeoTIFF Support\nc
ProjectedCSTypeGeoKey (Short,1): PCS_NAD83_California_5
PCSCitationGeoKey (Ascii,230): "IMAGINE GeoTIFF Support\nc
ProjLinearUnitsGeoKey (Short,1): Linear_Foot_US_Survey
End_Of_Keys.
End_Of_Geotiff.

PCS = 26945 (name unknown)
Projection = 10435 ()
GCS: 4269/NAD83
Datum: 6269/North American Datum 1983
Ellipsoid: 7019/GRS 1980 (6378137.00,6356752.31)
Prime Meridian: 8901/Greenwich (0.000000/ 0d 0' 0.00"E)
Projection Linear Units: 9003/(unknown) (1.000000m)

Corner coordinates:
Upper Left (6455920.000,2121840.000)
Lower Left (6455920.000,2119200.000)
Upper Right (6458560.000,2121840.000)
Lower Right (6458560.000,2119200.000)
Center (6457240.000,2120520.000)
```

Batch command line Examples: (These examples assume that the .TIF and .TXT files are located in the current active directory, and that the location of the programs are in a directory defined in the current PATH).

listgeo.exe: Perform this step before Photoshop/GIMP processing. This step outputs all of the existing GeoTIFF header information for the .TIF files in the current directory to .TXT files in the same folder. Enter the following at the command prompt :

```
for %j in (*.TIF) do start /b /wait listgeo %j >%~nj.TXT
```

geotifcp.exe: Perform this step after Photoshop/GIMP processing. This step copies the GeoTIFF header information stored in the .TXT files (in the current directory) back into the .TIF files located in the same folder. Enter the following at the command prompt :

```
for %j in (*.TIF) do geotifcp -g %~nj.TXT %~nj.TIF %~nj.TIF
```