

QGIS Application - Bug report #4271

British National Grid CRS incorrectly specified when exporting to MapInfo

2011-09-08 03:23 AM - Andy Harfoot

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Projection Support	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: up/downstream
Crashes QGIS or corrupts data:		Copied to github as #: 14211
Description		
<p>From a layer in QGIS with a layer CRS specified as EPSG:27700 (British National Grid) and the project CRS set as the same, if the Save as command is run and a MIF or TAB file is saved (specifying the CRS as EPSG:27700), the resulting MapInfo file has a coordinate system set to be using the British National Grid Transverse Mercator projection, but the WGS84 datum rather than the OSGB36 one that is normally associated with the British National Grid. this has the effect of generating an offset in the exported data locations of approximately 100m.</p> <p>This effect can be observed without requiring a copy MapInfo by viewing the contents of the MIF file in a text editor. The line beginning CoordSys should then read Earth Projection 8, 79 for BNG using OSGB36, but will read Earth Projection 8, 104 for BNG using WGS84.</p> <p>I wondered if OGR was at fault, but running a TAB to MIF translation with ogr2ogr using British National Grid doesn't seem to give the same issue.</p> <p>Running QGIS 1.7.0 on Windows 7 x64</p>		

History

#1 - 2011-09-08 07:09 AM - James Stott

I also get the same problem running QGIS 1.8 (67dfd2e) on Windows XP,

#2 - 2011-12-16 02:11 PM - Giovanni Manghi

- Target version set to Version 1.7.4

#3 - 2012-04-16 06:29 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No
- Affected QGIS version set to master
- Target version changed from Version 1.7.4 to Version 1.8.0

#4 - 2012-05-17 02:37 PM - ramon .

A colleague pointed out behaviour matching this to me, except with the Australian Datums (GDA94 and ADG84) and associated projections (MGA94 and AMG84).

My colleague has 1.74 installed by the OSGeo method on Windows 7 (64-bit).

I've tested on the same platform (different computer), and on 1.9 and confirmed the behaviour.

The only major difference is that for me ogr2ogr does not work (1.74 and 1.9 currently use GDAL 1.9), and wondered if this bug might be related to

<http://trac.osgeo.org/gdal/ticket/481> ?

James and Andy, if you have time could you check that ogr2ogr is still be having as expected?

#5 - 2012-09-04 11:58 AM - Paolo Cavallini

- *Target version changed from Version 1.8.0 to Version 2.0.0*

#6 - 2014-06-28 07:40 AM - Jürgen Fischer

- *Target version changed from Version 2.0.0 to Future Release - Lower Priority*

#7 - 2014-10-12 10:03 AM - Giovanni Manghi

- *Resolution set to up/downstream*

- *Status changed from Open to Closed*

seems an upstream issue

<http://trac.osgeo.org/gdal/ticket/481>