



FGPS International

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SurvUtil Release Notes

Date: 25/09/2018

Version: 5.09

No.	Module	Description
1	Station details form	Easting and Northing always shown in that order even if swapped in the coordinate system.
2	File Conversion	Can now specify number of dp to which to write decimal degrees.

Date: 01/05/2017

Version: 5.08

No.	Module	Description
1	CRS Manager	Can now import ".geo" files.



Date: 24/10/2017

Version: 5.07

No.	Module	Description
1	Stations	Show lat/lon coordinates to 8dp.
2	CRS Inspector	Fixed crash when opening.

Date: 29/09/2017

Version: 5.06

No.	Module	Description
1	Coordinate conversions	Added support for coordinate operation method 1037 "Position Vector transformation (geog3D domain)".

Date: 25/04/2017

Version: 5.05

No.	Module	Description
1	Stations form	Corrected saving of coordinates when not displayed in radians.



Date: 31/03/2017

Version: 5.04

No.	Module	Description
1	Main Windows	EPSG database version now displayed in title bar.
2	Database	Bugfix: NADCON coordinate transformations were failing because the directory containing the Nadcon files was not set correctly.
3	Options	FGPS Database directory is now used instead of specifying the EPSG DB file directly.
4	Options	User database is now stored in the FGPS databases folder instead of in the Project folder.
5	Area Details	Can now display either EPSG or Nadcon areas.
6	General	Various other minor bugfixes and improvements.

Date: 13/01/2016

Version: 5.03

No.	Module	Description
1	Database	Improved saving of ellipsoid details.
2	Stations	Bugfix: Lat/lon values were sometimes corrupted when reading from station file.
3	Coordinate Conversion	Bugfix: When converting file coordinates with same geog CRS but different projections nothing was happening.
4	Tools/Options	Bugfix: Changes were not being saved in the settings file.
5	Data Table	New utility to dump current data table to csv file (File menu).



Date: 18/09/2015

Version: 5.02

No.	Module	Description
1	Data Table	Corrected opening of details windows for coordinate operations.

Date: 25/08/2015

Version: 5.01

No.	Module	Description
1	CRS Inspector	New module for quickly displaying details of any component of a CRS.

Date: 18/05/2015

Version: 5.00

No.	Module	Description
1	IMPORTANT	This version implements a new licensing system. It is recommended that you contact licence@fgps.com in order to request a new licence before installing it.
2		If your current licence will expire soon it is recommended that you upgrade to this version immediately.



Date: 13/04/2015

Version: 4.21

No.	Module	Description
1	App	Added ability to specify project name on command line.

Date: 07/04/2015

Version: 4.20

No.	Module	Description
1	App	Bugfix: was crashing on startup if project file not found.

Date: 01/12/2014

Version: 4.19

No.	Module	Description
1	All	Implemented American Polyconic projection method.



Date: 11/09/2014

Version: 4.18

No.	Module	Description
1	GUI	Minor improvements.

Date: 10/09/2014

Version: 4.17

No.	Module	Description
1	EPSG Database	Now requires new EPSG database file "epsg.db", installable separately.
2	EPSG Database	Updated to version 8.3, released on 29/11/2013.
3	Data table	New: Quick launch box for direct code entry.
4	Main	New: Settings now stored in SurvUtil.ini.
5	Projects	Project files now stored in INI style text files.
6	Main	New: Window list now available from menu.
7	CRS Details Form	Can now be resized to allow easier selection from dropdown lists.
8	CRS Details form	Coordinate system dropdown items now prefixed with EPSG code.



Date: 17/05/2014

Version: 4.16

No.	Module	Description
1	Projections	New: supports New Zealand Map Grid.
2	GUI	New: uses Windows themes.
3	Projections	Transverse Mercator now uses JHS formula.

Date: 11/03/2013

Version: 4.15

No.	Module	Description
1	Main	Application version number now stored in file properties.

Date: 26/07/2012

Version: 4.14

No.	Module	Description
1	Import, File Convert	Destination grid coordinates are now in same units as destination axes.
2	Main	now saves a versioned backup of SurvUtil.exe



Date: 16/02/2011

Version: 4.13

No.	Module	Description
1	Import	Station names may now contain spaces.
2	Import	New station lat and lon UOM now defaults to DMSH.
3	Station	Bugfix: Axis was not being assigned when importing stations (new from EPSG 7.6)

Date: 20/12/2010

Version: 4.12

No.	Module	Description
1	All	Upgraded to EPSG database version 7.6

Date: 27/09/2010

Version: 4.11

No.	Module	Description
1	Project	Bugfix: was unable to create a new station file.
2	Data Table	Was unable to create a new station when no previous stations existed.