ISO Geodetic Registry

Item class	Transformation	
Name	**NZGD1949 to NZGD2000 [LINZv1]**	
Item status	VALID	
Identifier	590	
Information source	*Title*	Standard for New Zealand Geodetic Datum 2000
	Author	Office of the Surveyor General
	Publisher	Land Information New Zealand
	Publication date	2007-11-16
	Edition date	
	Issue identification	LINZS25000
Data source	ISO Geodetic Registry	
Remarks	Lowest accuracy three parameter version of NZGD1949 to NZGD2000 transformation by LINZ. For slightly higher (4 m) accuracy accuracy use seven parameter transformation version LINZv2. For highest (0.1-1 m) accuracy use grid transformation version LINZv3.	
Operation version	LINZv1	
Scope	Spatial referencing.	
Operation accuracy	5.0 m	
Source CRS	NZGD1949 - LatLon	
Target CRS	NZGD2000 - LatLon	
Operation method	Geocentric Translation (geographic 2D domain)	

Extent

Description	**New Zealand - onshore and nearshore - North Island, South Island, Stewart Island.**	
Geographic Bounding Box	*West-bound longitude*	165.87
	North-bound latitude	-33.89
	East-bound longitude	179.27
	South-bound latitude	-47.65

Operation parameter values

X-axis translation	54.4 metre
Y-axis translation	-20.1 metre
Z-axis translation	183.1 metre

ISO Geodetic Registry

Item class	OperationMethod
Name	**Geocentric Translation (geographic 2D domain)**
Item status	VALID
Identifier	72
Alias	Geocentric Translation
Alias	Geographic Translation
Alias	Coordinate Translation
Data source	ISO Geodetic Registry
Remarks	This method is similar to the Coordinate Frame Translation in the geographic 3D domain but in the geographic 2D domain. See geocentric Cartesian and geographic 3D variants of this method for transformations of other CRS types.

Operation parameters

X-axis translation
Y-axis translation
Z-axis translation