

# ISO Geodetic Registry

<i>Item class</i>	Transformation	
<i>Name</i>	<b>NZGD1949 to NZGD2000 [LINZv3]</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	640	
<i>Information source</i>	<i>Title</i>	Standard for New Zealand Geodetic Datum 2000
	<i>Author</i>	Office of the Surveyor General
	<i>Publisher</i>	Land Information New Zealand
	<i>Publication date</i>	2007-11-16
	<i>Edition date</i>	
	<i>Issue identification</i>	LINZS25000
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Highest accuracy grid-based version of NZGD1949 to NZGD2000 transformation by LINZ. For lower (4 m) accuracy accuracy use seven parameter transformation version LINZv2. For lowest (5 m) accuracy use three transformation version LINZv1.	
<i>Operation version</i>	LINZv3	
<i>Scope</i>	Spatial referencing.	
<i>Operation accuracy</i>	0.5 m	
<i>Source CRS</i>	NZGD1949 - LatLon	
<i>Target CRS</i>	NZGD2000 - LatLon	
<i>Operation method</i>	NTv2	

## Extent

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

## Operation parameter values

<i>Latitude and Longitude difference file</i>	nzgd2kgrid0005.gsb
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<i>Item class</i>	OperationMethod
<i>Name</i>	<b>NTv2</b>
<i>Item status</i>	VALID
<i>Identifier</i>	95
<i>Alias</i>	National Transformation version 2 grid shift
<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	National Transformation version 2 grid shift file interpolation. Geodetic transformation operating on a grid of 2D geographic coordinate differences by bi-linear interpolation. Assumes longitudes to be positive west.

## Operation parameters

<i>Latitude and Longitude difference file</i>
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