ISO Geodetic Registry

Item class	Transformation
Name	**NZGD1949 to NZGD2000 [LINZv3]**
Item status	VALID
Identifier	640

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	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.
Operation version	LINZv3
Scope	Spatial referencing.
Operation accuracy	0.5 m
Source CRS	NZGD1949 - LatLon
Target CRS	NZGD2000 - LatLon
Operation method	NTv2

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

Latitude and Longitude difference file	nzgd2kgrid0005.gsb

ISO Geodetic Registry

Item class	OperationMethod
Name	**NTv2**
Item status	VALID
Identifier	95
Alias	National Transformation version 2 grid shift
Data source	ISO Geodetic Registry
Remarks	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

Latitude and Longitude difference file