

# ISO Geodetic Registry

<i>Item class</i>	Transformation	
<i>Name</i>	<b>GDA94 to GDA2020 [GA v3]</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	677	
<i>Information source</i>	<i>Title</i>	Geocentric Datum of Australia 2020 Technical Manual Version 1.2
	<i>Author</i>	Permanent Committee on Geodesy of the Intergovernmental Committee on Surveying and Mapping
	<i>Publisher</i>	Intergovernmental Committee on Surveying and Mapping
	<i>Publication date</i>	2018-08-24
	<i>Edition date</i>	
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Defined at epoch 2020.0.	
<i>Operation version</i>	GA v3	
<i>Scope</i>	Spatial referencing	
<i>Operation accuracy</i>	0.01 m	
<i>Source CRS</i>	GDA94 - LatLon	
<i>Target CRS</i>	GDA2020 - LatLon	
<i>Operation method</i>	NTv2	

## Extent

<i>Description</i>	<b>Australia - onshore and offshore - mainland, Tasmania, Lord Howe Island, Norfolk Island, Macquarie Island. Christmas Island - onshore and offshore. Cocos (Keeling) Islands - onshore and offshore.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	93.41
	<i>North-bound latitude</i>	-8.47
	<i>East-bound longitude</i>	173.4
	<i>South-bound latitude</i>	-60.56

## Operation parameter values

<i>Latitude and Longitude difference file</i>	GDA94_GDA2020_conformal_and_distortion.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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