ISO Geodetic Registry

Item class	Transformation	
Name	**GDA2020 to WGS 84 TRANSIT [GA v1]**	
Item status	VALID	
Identifier	543	
Information source	*Title*	Geocentric Datum of Australia 2020 Technical Manual Version 1.2
	Author	Permanent Committee on Geodesy of the Intergovernmental Committee on Surveying and Mapping
	Publisher	Intergovernmental Committee on Surveying and Mapping
	Publication date	2018-08-24
	Edition date	
Data source	ISO Geodetic Registry	
Operation version	GA v1	
Scope	Spatial referencing	
Operation accuracy	3.0 m	
Source CRS	GDA2020 - XYZ	
Target CRS	WGS 84 TRANSIT - XYZ	
Operation method	Geocentric Translation (geocentric Cartesian domain)	

Extent

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

Operation parameter values

X-axis translation	0.0 metre
Y-axis translation	0.0 metre
Z-axis translation	0.0 metre

ISO Geodetic Registry

Item class	OperationMethod
Name	**Geocentric Translation (geocentric Cartesian domain)**
Item status	VALID
Identifier	75
Alias	Translation
Alias	Frame translation
Alias	Geocentric translation
Alias	Coordinate translation
Data source	ISO Geodetic Registry
Remarks	This method allows calculation of geocentric Cartesian coordinates in the target system by adding the parameter values to the corresponding coordinates in the source system. See geographic 3D and 2D variants of this method for transformations of other CRS types.

Operation parameters

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