ISO Geodetic Registry

Item class	GeodeticDatum	
Name	**Australian Geodetic Datum 1984**	
Item status	VALID	
Identifier	198	
Alias	AGD84	
Information source	*Title*	The Australian Geodetic Datum Technical Manual
	Author	Working Party of the National Mapping Council of Australia
	Publisher	National Mapping Council of Australia
	Publication date	1985-12-01
	Edition date	
Data source	ISO Geodetic Registry	
Remarks	Replaced AGD66 in Australia except in the States of New South Wales and Tasmania and the Australian Capital Territory and the Northern Territory.	
Anchor definition	Defined through coordinates and observations used to derive the previous AGD66 coordinates with the addition of point-position and multi-station Doppler, SLR and VLBI observations. The final coordinates were obtained from a single national least squares adjustment of all observations holding the coordinate of the Johnston Origin fixed.	
Release date	1985-12-01	
Coordinate Reference Epoch	1962.0	
Scope	Spatial referencing	
Ellipsoid	Australian National Spheroid	
Prime Meridian	Greenwich	

Extent

Description	**Australia - onshore and offshore.**	
Geographic Bounding Box	*West-bound longitude*	111.0
	North-bound latitude	-8.0
	East-bound longitude	157.5
	South-bound latitude	-45.0

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Item class	Ellipsoid	
Name	**Australian National Spheroid**	
Item status	VALID	
Identifier	29	
Alias	ANS	
Information source	*Title*	The Australian Map Grid Technical Manual
	Author	Technical Sub-Committee of the National Mapping Council of Australia
	Publisher	National Mapping Council of Australia
	Publication date	1968-01-01
	Edition date	
Information source	*Title*	The Australian Geodetic Datum Technical Manual
	Author	Working Party of the National Mapping Council of Australia
	Publisher	National Mapping Council of Australia
	Publication date	1985-12-01
	Edition date	
Data source	ISO Geodetic Registry	
Remarks	Based on the spheroid used by the International Astronomical Union in 1965 and adopted by the National Mapping Council of Australia in April 1965.	
Semi-major axis	6378160.0 m	
Inverse flattening	298.25 m	

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Item class	PrimeMeridian	
Name	**Greenwich**	
Item status	VALID	
Identifier	25	
Alias	Zero meridian	
Information source	*Title*	Why the Greenwich meridian moved
	Author	S. Malys, J.H. Seago, N.K. Pavlis, P.K. Seidelmann, G.H. Kaplan
	Publisher	Springer International Publishing
	Publication date	2015-12
	Series/Journal name	Journal of Geodesy
	Issue identification	Volume 89, No. 12
	Page	1263–1272
Information source	*Title*	IERS Conventions (2010)
	Author	G. Petit, B.J. Luzum (eds)
	Publisher	Verlag des Bundesamts fur Kartographie und Geodasie
	Publication date	2010
	Edition date	
	Series/Journal name	IERS Technical Notes
	Issue identification	36.0
	Other citation details	ISSN: 1019-4568
Data source	ISO Geodetic Registry	
Greenwich longitude	0.0 °	