ISO Geodetic Registry

Item class	GeodeticCRS	
Name	**AGD66 - LatLonEHt**	
Item status	INVALID	
Identifier	381	
Alias	AGD66	
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	
Data source	ISO Geodetic Registry	
Scope	Spatial referencing.	
Datum	Australian Geodetic Datum 1966	
Coordinate System	Ellipsoidal 3D CS. Axes: latitude, longitude, ellipsoidal height. Orientations: north, east, up. UoM: degree, degree, metre.	

Extent

Description	**Australia - onshore and offshore - mainland, Lord Howe Island, Norfolk Island, Macquarie Island. Christmas Island - onshore and offshore. Cocos (Keeling) Islands - onshore and offshore. Papua New Guinea - onshore and offshore.**	
Geographic Bounding Box	*West-bound longitude*	96.0
	North-bound latitude	0.0
	East-bound longitude	168.0
	South-bound latitude	-56.0

ISO Geodetic Registry

Item class	GeodeticDatum	
Name	**Australian Geodetic Datum 1966**	
Item status	VALID	
Identifier	130	
Alias	AGD66	
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	
Data source	ISO Geodetic Registry	
Remarks	Replaced Clarke 1858 and other State coordinate systems.	
Anchor definition	Defined through coordinates derived from classical triangulation, traversing and astrogeodetic observations. The final coordinates were obtained from a national least squares adjustment of azimuths and distances between junction points holding the coordinate of the Johnston Origin fixed, followed by section adjustements holding the junction points fixed.	
Release date	1968-01-01	
Coordinate Reference Epoch	1962.0	
Scope	Spatial referencing	
Ellipsoid	Australian National Spheroid	
Prime Meridian	Greenwich	

Extent

Description	**Australia - onshore and offshore - mainland, Lord Howe Island, Norfolk Island, Macquarie Island. Christmas Island - onshore and offshore. Cocos (Keeling) Islands - onshore and offshore. Papua New Guinea - onshore and offshore.**	
Geographic Bounding Box	*West-bound longitude*	96.0
	North-bound latitude	0.0
	East-bound longitude	168.0
	South-bound latitude	-56.0

ISO Geodetic Registry

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	

ISO Geodetic Registry

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 °	

ISO Geodetic Registry

Item class	EllipsoidalCS	
Name	**Ellipsoidal 3D CS. Axes: latitude, longitude, ellipsoidal height. Orientations: north, east, up. UoM: degree, degree, metre.**	
Item status	VALID	
Identifier	46	
Information source	*Title*	ISO 19111 Geographical information - Spatial referencing by coordinates
	Author	International Organization for Standardization (ISO)
	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	Used in geographic 3D coordinate reference systems. Horizontal coordinates referenced to this CS are in degrees. Any degree representation (e.g. DMSH, decimal, etc.) may be used but that used must be declared for the user.	

Axes

Item class	CoordinateSystemAxis	
Name	**Geodetic latitude**	
Item status	VALID	
Identifier	38	
Information source	*Title*	ISO 19111 Geographical information - Spatial referencing by coordinates
	Author	International Organization for Standardization (ISO)
	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	Used in geographic 2D and geographic 3D coordinate reference systems.	
Abbreviation	Lat	
Direction	north	
Unit	degree (supplier to define representation)	

Item class	CoordinateSystemAxis	
Name	**Geodetic longitude**	
Item status	VALID	
Identifier	34	
Information source	*Title*	ISO 19111 Geographical information - Spatial referencing by coordinates
	Author	International Organization for Standardization (ISO)

	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	Used in geographic 2D and geographic 3D coordinate reference systems.	
Abbreviation	Lon	
Direction	east	
Unit	degree (supplier to define representation)	

Item class	CoordinateSystemAxis	
Name	**Ellipsoidal height**	
Item status	VALID	
Identifier	36	
Information source	*Title*	ISO 19111 Geographical information - Spatial referencing by coordinates
	Author	International Organization for Standardization (ISO)
	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	Used only as part of an ellipsoidal 3D coordinate system in a geographic 3D coordinate reference system, never on its own.	
Abbreviation	h	
Direction	up	
Unit	metre	