ISO Geodetic Registry

Item class GeodeticDatum

Name Australian Geodetic Datum 1984

Item statusVALIDIdentifier198AliasAGD84

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 |

ISO Geodetic Registry

Item class Ellipsoid

Name Australian National Spheroid

Item statusVALIDIdentifier29AliasANS

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

Author

Information source Title The Australian Geodetic Datum Technical Manual

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 statusVALIDIdentifier25

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 °