

# ISO Geodetic Registry

|                           |                               |  |
|---------------------------|-------------------------------|--|
| <i>Item class</i>         | Transformation                |  |
| <i>Name</i>               | <b>AGD66 to GDA94 [GA v2]</b> |  |
| <i>Item status</i>        | VALID                         |  |
| <i>Identifier</i>         | 657                           |  |
| <i>Information source</i> | <i>Title</i>                  | Geocentric Datum of Australia Technical Manual Version 2.4                                 |
|                           | <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>       | 2014-12-02   |
|                           | <i>Edition date</i>           |  |
| <i>Data source</i>        | ISO Geodetic Registry         |  |
| <i>Remarks</i>            | Defined at epoch 1994.0.      |  |
| <i>Operation version</i>  | GA v2                         |  |
| <i>Scope</i>              | Spatial referencing           |  |
| <i>Operation accuracy</i> | 0.1 m                         |  |
| <i>Source CRS</i>         | AGD66 - LatLon                |  |
| <i>Target CRS</i>         | GDA94 - 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> | A66 National (13.09.01).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> |
|---|