ISO Geodetic Registry

Item class Transformation

Name GDA94 to GDA2020 [GA v5]

Item status VALID
Identifier 649

Information source Title WGS 84, N=M=180 Earth Gravitational Model

Author NGA Office of Geomatics

Publisher National Geospatial-Intelligence Agency

Revision date 2014-09-15

Edition date

Other citation details Website

Data source ISO Geodetic Registry
Remarks Defined at epoch 2020.0.

Operation version GA v5

Scope Spatial referencing

Operation accuracy 0.01 m

Source CRS GDA94 - LatLon

Target CRS GDA2020 - LatLon

Operation method NTv2

Extent

Description	Christmas Island - onshore and offshore	
Geographic Bounding Box	West-bound longitude	104.0
	North-bound latitude	-9.0
	East-bound longitude	107.0
	South-bound latitude	-12.0

Operation parameter values

Latitude and Longitude difference file GDA94_GDA2020_conformal_christmas_island.gsb

ISO Geodetic Registry

Item class OperationMethod

Name NTv2
Item status VALID
Identifier 95

Alias National Transformation version 2 grid shift

Data source ISO Geodetic Registry

Remarks 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

Latitude and Longitude difference file