

# ISO Geodetic Registry

|                           |  |  |
|---------------------------|--|--|
| <i>Item class</i>         | Transformation   |  |
| <i>Name</i>               | <b>NAD27 to NAD83(CSRS) v2 [BCv1]</b>                                  |  |
| <i>Item status</i>        | VALID  |  |
| <i>Identifier</i>         | 581  |  |
| <i>Information source</i> | <i>Title</i>   | MASCOT Survey Utilities: National Transformation Coordinate Conversions  |
|                           | <i>Author</i>  | GeoBC  |
|                           | <i>Publisher</i>   | GeoBC, Government of British Columbia  |
|                           | <i>Publication date</i>  | 2017-03-28   |
| <i>Information source</i> | <i>Title</i>   | FAQ: What are some of the transformation methods for Canada?   |
|                           | <i>Author</i>  | Esri Canada  |
|                           | <i>Publisher</i>   | Esri, Redlands, CA   |
|                           | <i>Publication date</i>  | 2016-05-05   |
| <i>Information source</i> | <i>Issue identification</i>  | Article ID: 000011846  |
|                           | <i>Title</i>   | Desktop Applications: NTv2   |
|                           | <i>Author</i>  | Canadian Geodetic Survey   |
|                           | <i>Publisher</i>   | Canadian Geodetic Survey, Surveyor General Branch, Earth Sciences Sector, Natural Resources Canada, Government of Canada |
| <i>Data source</i>        | <i>Publication date</i>  | 2017-02-28   |
|                           | ISO Geodetic Registry  |  |
| <i>Remarks</i>            | Grid tranformation in NTv2 format adopted for use in British Columbia. |  |
| <i>Operation version</i>  | BCv1   |  |
| <i>Scope</i>              | Spatial referencing  |  |
| <i>Operation accuracy</i> | 1.5 m  |  |
| <i>Source CRS</i>         | NAD27 - LatLon   |  |
| <i>Target CRS</i>         | NAD83(CSRS) v2 - LatLon  |  |
| <i>Operation method</i>   | NTv2   |  |

## Extent

|                                |  |         |
|--------------------------------|--|---------|
| <i>Description</i>             | <b>Canada - onshore and offshore - British Columbia.</b> |         |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i>                              | -139.04 |
|                                | <i>North-bound latitude</i>                              | 60.01   |
|                                | <i>East-bound longitude</i>                              | -114.08 |
|                                | <i>South-bound latitude</i>                              | 48.25   |

## Operation parameter values

|   |              |
|---|--------------|
| <i>Latitude and Longitude difference file</i> | BC_27_98.GSB |
|---|--------------|

# ISO Geodetic Registry

|                    |  |
|--------------------|--|
| <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> |
|---|