# ISO Geodetic Registry

| | | |
|---|---|---|
| *Item class* | Transformation | |
| *Name* | **ATS77 to NAD27 [NBv1]** | |
| *Item status* | VALID | |
| *Identifier* | 699 | |
| *Information source* | *Title* | RE: ATS77 - NAD27 transformation grids |
| | *Author* | D. Ouellette |
| | *Publisher* | GeoNB, Service New Brunswick, Government of New Brunswick |
| | *Publication date* | 2017-05-11 |
| | *Other citation details* | Personal email communication. |
| *Data source* | ISO Geodetic Registry | |
| *Remarks* | Grid tranformation in NTv2 format adopted for use in New Brunswick. | |
| *Operation version* | NBv1 | |
| *Scope* | Spatial referencing | |
| *Operation accuracy* | 1.5 m | |
| *Source CRS* | ATS77 - LatLon | |
| *Target CRS* | NAD27 - LatLon | |
| *Operation method* | NTv2 | |

## Extent

| | | |
|---|---|---|
| *Description* | **Canada - onshore and offshore - New Brunswick.** | |
| *Geographic Bounding Box* | *West-bound longitude* | -69.05 |
| | *North-bound latitude* | 48.07 |
| | *East-bound longitude* | -63.7 |
| | *South-bound latitude* | 44.56 |

## Operation parameter values

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|---|---|
| *Latitude and Longitude difference file* | TRNB7727.DAT |

# 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

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|---|
| *Latitude and Longitude difference file* |