# ISO Geodetic Registry

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|---|---|---|
| *Item class* | Transformation | |
| *Name* | **NAD83(Original) to NAD83(CSRS) v2 [QCv1]** | |
| *Item status* | VALID | |
| *Identifier* | 609 | |
| *Information source* | *Title* | FAQ: What are some of the transformation methods for Canada? |
| | *Author* | Esri Canada |
| | *Publisher* | Esri, Redlands, CA |
| | *Publication date* | 2016-05-05 |
| | *Issue identification* | Article ID: 000011846 |
| *Information source* | *Title* | Desktop Applications: NTv2 |
| | *Author* | Canadian Geodetic Survey |
| | *Publisher* | Canadian Geodetic Survey, Surveyor General Branch, Earth Sciences Sector, Natural Resources Canada, Government of Canada |
| | *Publication date* | 2017-02-28 |
| *Information source* | *Title* | RE: GSD file |
| | *Author* | Y. Theriault |
| | *Publisher* | Service de la geodesie et des leves geospatiaux, Direction de la reference geographique, Direction generale de l'information geospatiale, Ministere de l'Energie et des Ressources naturelles, Gouvernement du Quebec |
| | *Publication date* | 2017-03-01 |
| | *Other citation details* | Personal email communication. |
| *Data source* | ISO Geodetic Registry | |
| *Remarks* | Grid tranformation in NTv2 format adopted for use in Quebec. | |
| *Operation version* | QCv1 | |
| *Scope* | Spatial referencing | |
| *Operation accuracy* | 0.1 m | |
| *Source CRS* | NAD 83 (1986) - LatLon | |
| *Target CRS* | NAD83(CSRS) v2 - LatLon | |
| *Operation method* | NTv2 | |

## Extent

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|---|---|---|
| *Description* | **Canada - onshore and offshore - Quebec.** | |
| *Geographic Bounding Box* | *West-bound longitude* | -79.85 |
| | *North-bound latitude* | 62.62 |
| | *East-bound longitude* | -57.1 |
| | *South-bound latitude* | 44.99 |

## Operation parameter values

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|---|---|
| *Latitude and Longitude difference file* | NA83SCRS.GSB |

# ISO Geodetic Registry

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|---|---|
| *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* |