

# ISO Geodetic Registry

|                           |   |  |
|---------------------------|---|--|
| <i>Item class</i>         | Transformation  |  |
| <i>Name</i>               | <b>ATS77 to NAD83(CSRS) v2 [PEv1]</b>                                       |  |
| <i>Item status</i>        | VALID   |  |
| <i>Identifier</i>         | 523   |  |
| <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>Issue identification</i>   | Article ID: 000011846  |
| <i>Data source</i>        | ISO Geodetic Registry   |  |
| <i>Remarks</i>            | Grid transformation in NTV2 format adopted for use in Prince Edward Island. |  |
| <i>Operation version</i>  | PEv1  |  |
| <i>Scope</i>              | Spatial referencing   |  |
| <i>Operation accuracy</i> | 1.5 m   |  |
| <i>Source CRS</i>         | ATS77 - LatLon  |  |
| <i>Target CRS</i>         | NAD83(CSRS) v2 - LatLon   |  |
| <i>Operation method</i>   | NTv2  |  |

## Extent

|                                |  |        |
|--------------------------------|--|--------|
| <i>Description</i>             | <b>Canada - onshore and offshore - Prince Edward Island.</b> |        |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i>                                  | -64.49 |
|                                | <i>North-bound latitude</i>                                  | 47.09  |
|                                | <i>East-bound longitude</i>                                  | -61.9  |
|                                | <i>South-bound latitude</i>                                  | 45.9   |

## Operation parameter values

|   |              |
|---|--------------|
| <i>Latitude and Longitude difference file</i> | PE7783v2.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> |
|---|