## ISO Geodetic Registry

Item class Transformation

Name NAD27 to NAD83(Original) [QCv1]

Item status **VALID** Identifier 571

Information source Title RE: GSD file Y. Theriault Author

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.

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 Title Desktop Applications: NTv2 Canadian Geodetic Survey **Author** 

Canadian Geodetic Survey, Surveyor General Publisher

> Branch, Earth Sciences Sector, Natural Resources Canada, Government of Canada

2017-02-28 Publication date

Data source ISO Geodetic Registry

Remarks Grid tranformation in NTv2 format adopted for use in Quebec.

Operation version QCv1

Information source

Scope Spatial referencing

Operation accuracy 1.5 m

Source CRS NAD27 - LatLon

Target CRS NAD 83 (1986) - LatLon

Operation method NTv2

#### Extent

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

#### Operation parameter values

Latitude and Longitude difference file NA27NA83.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