ISO Geodetic Registry

Item class Transformation

NAD83(Original) to NAD83(CSRS) v6 [NLv1]

Item statusVALIDIdentifier736

Information source Title NLCSRSV4.GSB

Author GIS and Mapping Division

Publisher GIS and Mapping Division, Department of

Fisheries and Land Resources, Government of Newfoundland and Labrador, Corner Brook, NL,

Canada

Revision date 2019

Edition Edition date

Series/Journal name ,, Issue identification ,, Page ,, Other citation details

Information source Title Coordinate Transformations

Author Canadian Geodetic Survey

Publisher Canadian Geodetic Survey, Natural Resources

Canada

Publication date 2019-11-28

Edition Edition date

Series/Journal name Issue identification

Page

Other citation details Website: https://webapp.geod.nrcan.gc.ca/geod/

data-donnees/transformations.php (last accessed

2020-07-26).

Data source ISO Geodetic Registry

Remarks Grid tranformation in NTv2 format adopted for use in Newfoundland

and Labrador, Canada.

Operation version NLv1

Scope Spatial referencing

Operation accuracy 0.1 m

Source CRS NAD 83 (1986) - LatLon
Target CRS NAD83(CSRS) v6 - LatLon

Operation method NTv2

Extent

Canada - onshore and offshore and Labrador.		ffshore - Newfoundland
Geographic Bounding Box	West-bound longitude	-67.82
	North-bound latitude	60.38
	East-bound longitude	-52.54
	South-bound latitude	46.56

Operation parameter values

Latitude and Longitude difference file NLCSRSV4.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