ISO Geodetic Registry

Item class	Transformation	
Name	**NAD27 to NAD83(CSRS) v2 [BCv1]**	
Item status	VALID	
Identifier	581	
Information source	Title	MASCOT Survey Utilities: National Transformation Coordinate Conversions
	Author	GeoBC
	Publisher	GeoBC, Government of British Columbia
	Publication date	2017-03-28
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
Data source	ISO Geodetic Registry	
Remarks	Grid tranformation in NTv2 format adopted for use in British Columbia.	
Operation version	BCv1	
Scope	Spatial referencing	
Operation accuracy	1.5 m	
Source CRS	NAD27 - LatLon	
Target CRS	NAD83(CSRS) v2 - LatLon	
Operation method	NTv2	

Extent

Description	**Canada - onshore and offshore - British Columbia.**	
Geographic Bounding Box	West-bound longitude	-139.04
	North-bound latitude	60.01
	East-bound longitude	-114.08
	South-bound latitude	48.25

Operation parameter values

Latitude and Longitude difference file	BC_27_98.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