ISO Geodetic Registry

Item class	Transformation	
Name	**ATS77 to NAD83(CSRS) v2 [PEv1]**	
Item status	VALID	
Identifier	523	
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
Data source	ISO Geodetic Registry	
Remarks	Grid tranformation in NTv2 format adopted for use in Prince Edward Island.	
Operation version	PEv1	
Scope	Spatial referencing	
Operation accuracy	1.5 m	
Source CRS	ATS77 - LatLon	
Target CRS	NAD83(CSRS) v2 - LatLon	
Operation method	NTv2	

Extent

Description	**Canada - onshore and offshore - Prince Edward Island.**	
Geographic Bounding Box	*West-bound longitude*	-64.49
	North-bound latitude	47.09
	East-bound longitude	-61.9
	South-bound latitude	45.9

Operation parameter values

Latitude and Longitude difference file	PE7783v2.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