

ISO Geodetic Registry

<i>Item class</i>	Transformation	
<i>Name</i>	ATS77 to NAD27 [NSv1]	
<i>Item status</i>	VALID	
<i>Identifier</i>	568	
<i>Information source</i>	<i>Title</i>	RE: NAD27 - ATS77 transformation?
	<i>Author</i>	J. Bond
	<i>Publisher</i>	GeoNOVA, Geographic Information Services, Nova Scotia Geomatics Centre, Government of Nova Scotia
	<i>Publication date</i>	2017-05-09
	<i>Other citation details</i>	Personal email communication.
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Grid tranformation in NTv2 format adopted for use in Nova Scotia.	
<i>Operation version</i>	NSv1	
<i>Scope</i>	Spatial referencing	
<i>Operation accuracy</i>	1.5 m	
<i>Source CRS</i>	ATS77 - LatLon	
<i>Target CRS</i>	NAD27 - LatLon	
<i>Operation method</i>	NTv2	

Extent

<i>Description</i>	Canada - onshore and offshore - Nova Scotia.	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	-66.28
	<i>North-bound latitude</i>	47.08
	<i>East-bound longitude</i>	-59.73
	<i>South-bound latitude</i>	43.41

Operation parameter values

<i>Latitude and Longitude difference file</i>	TRNS7727.DAT
---	--------------

ISO Geodetic Registry

<i>Item class</i>	OperationMethod
<i>Name</i>	NTv2
<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>
