ISO Geodetic Registry

Item class Transformation

Name ATS77 to NAD27 [NBv1]

Item status VALID
Identifier 699

Information source Title RE: ATS77 - NAD27 transformation grids

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Data source ISO Geodetic Registry

Remarks Grid tranformation in NTv2 format adopted for use in New Brunswick.

Operation version NBv1

Scope Spatial referencing

Operation accuracy 1.5 m

Source CRS ATS77 - LatLon
Target CRS NAD27 - LatLon

Operation method NTv2

Extent

Description	Canada - onshore and offshore - New	
	Brunswick.	
Geographic Bounding Box	West-bound longitude	-69.05
	North-bound latitude	48.07
	East-bound longitude	-63.7
	South-bound latitude	44.56

Operation parameter values

Latitude and Longitude difference file	TRNB7727.DAT	

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