ISO Geodetic Registry

Item class	Transformation	
Name	**WGS 84 (G873) to WGS 84 EGM84 - OHt [2]**	
Item status	VALID	
Identifier	480	
Information source	*Title*	The World Geodetic System 1984 Earth Gravitational Model
	Author	H.L. White, Defense Mapping Agency Aerospace Center
	Publisher	Defense Mapping Agency Aerospace Center
	Publication date	1986-05-02
	Edition date	
Information source	*Title*	Refinements to The World Geodetic System 1984
	Author	S. Malys, J.A. Slater, R.W. Smith, L.E. Kunz, S.C. Kenyon
	Publisher	Institute of Navigation
	Publication date	1997-09
	Edition date	
	Series/Journal name	Proceedings of the 10th International Technical Meeting of the Satellite Division of The Institue of Navigation (ION-GPS-1997), Kansas City, MO, September 1997
	Page	841-850
Information source	*Title*	Department of Defense World Geodetic System 1984: Its Definition and Relationships with Local Geodetic Systems
	Author	National Imagery and Mapping Agency
	Publisher	National Imagery and Mapping Agency
	Publication date	2004-06-23
	Edition	Third Edition, Amendment 2
	Edition date	2004-06-23
	Series/Journal name	Technical Report
	Issue identification	TR8350.2
Information source	*Title*	Department of Defense World Geodetic System 1984: Its Definition and Relationships with Local Geodetic Systems
	Author	National Imagery and Mapping Agency
	Publisher	National Imagery and Mapping Agency
	Publication date	1997-07-04
	Edition	Third Edition
	Edition date	1997-07-04
	Series/Journal name	Technical Report
	Issue identification	TR8350.2
Information source	*Title*	Department of Defense World Geodetic System 1984: Its Definition and Relationships with Local Geodetic Systems
	Author	National Imagery and Mapping Agency
	Publisher	National Imagery and Mapping Agency
	Publication date	2000-01-03
	Edition	Third Edition, Amendment 1
	Edition date	2000-01-03
	Series/Journal name	Technical Report
	Issue identification	TR8350.2
Data source	ISO Geodetic Registry	
Remarks	Transformation from WGS 84 (G873) ellipsoidal heights to EGM84 orthometric heights using the EGM84 geoid model defind by spherical harmonic coeffcients.	

Operation version	2.0
Scope	Spatial referencing
Operation accuracy	1.0 m
Source CRS	WGS 84 (G873) - LatLonEHt
Target CRS	WGS 84 EGM84 - OHt
Operation method	Geographic3D to Gravity Related Height (EGM84-SH)

Extent

Description	**World.**	
Geographic Bounding Box	*West-bound longitude*	-180.0
	North-bound latitude	90.0
	East-bound longitude	180.0
	South-bound latitude	-90.0

Operation parameter values

Spherical harmonic coefficient file	egm180.nor

ISO Geodetic Registry

Item class	OperationMethod
Name	**Geographic3D to Gravity Related Height (EGM84-SH)**
Item status	VALID
Identifier	77
Data source	ISO Geodetic Registry
Remarks	Spherical harmonic representaiton of EGM84 geoid using a single spherical harmonic coefficients file.

Operation parameters

Spherical harmonic coefficient file