ISO Geodetic Registry

Item class	Transformation	
Name	**WGS 84 (G730) to WGS 84 EGM84 - OHt [2]**	
Item status	VALID	
Identifier	488	
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*	Maintenance and Enhancement of the World Geodetic System 1984
	Author	S. Malys, J.A. Slater
	Publisher	Institute of Navigation
	Publication date	1994-09
	Edition date	
	Series/Journal name	Proceedings of the 7th International Technical Meeting of the Satellite Division of The Institue of Navigation (ION-GPS-1994), Salt Lake City, UT, September 1994
	Page	17-24
Data source	ISO Geodetic Registry	
Remarks	Transformation from WGS 84 (G730) ellipsoidal heights to EGM84 orthometric heights using the EGM84 geoid model defined by spherical harmonic coefficients.	
Operation version	2.0	
Scope	Spatial referencing	
Operation accuracy	1.0 m	
Source CRS	WGS 84 (G730) - 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