## **ISO Geodetic Registry**

Item class Transformation

Name WGS 84 (G730) to WGS 84 EGM84 - OHt [2]

Item statusVALIDIdentifier488Information sourceTitle

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

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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	
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# 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 representation of EGM84 geoid using a single

spherical harmonic coefficients file.

### Operation parameters

Spherical harmonic coefficient file