ISO Geodetic Registry

Item class	VerticalCRS		
Name	WGS 84 EGM96 - OHt		
Item status	VALID		
Identifier	444		
Alias	WGS84		
Alias	EGM96		
Alias	WGS 84		
Information source	Title	The Development of the Joint NASA GSFC and the NIMA Geopotential Model EGM96	
	Author	F.G. Lemoine, S. C. Kenyon, J. K. Factor, R.G. Trimmer, N. K. Pavlis, D. S. Chinn, C. M. Cox, S. M. Klosko, S. B. Luthcke, M. H. Torrence, Y. M. Wang, R. G. Williamson, E. C. Pavlis, R. H. Rapp, T. R. Olson,	
	Publisher Publication date Edition date	National Aeronautics and Space Administration 1998-07	
	Series/Journal name Technical Paper		
		NASA/TP-1998-206861	
Data source	ISO Geodetic Registry		
Scope	Spatial referencing.		
Datum	WGS 84 EGM96 Geoid		
Coordinate System	Vertical CS. Axis: height (H). Orientation: up. UoM: m.		

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

ISO Geodetic Registry

Name

VerticalDatum

WGS 84 EGM96 Geoid

Item status **VALID** Identifier 158 Alias **WGS84** Alias EGM96 Alias **WGS 84**

Information source Title The Development of the Joint NASA GSFC and

the NIMA Geopotential Model EGM96

Author F.G. Lemoine, S. C. Kenyon, J. K. Factor, R.G.

> Trimmer, N. K. Pavlis, D. S. Chinn, C. M. Cox, S. M. Klosko, S. B. Luthcke, M. H. Torrence, Y. M. Wang, R. G. Williamson, E. C. Pavlis, R. H. Rapp,

T. R. Olson,

Publisher National Aeronautics and Space Administration

Publication date 1998-07

Edition date

Series/Journal name Technical Paper

Issue identification NASA/TP-1998-206861

Data source ISO Geodetic Registry

Replaces EGM84 Geoid. Replaced by EGM2008 Geoid. Remarks

Anchor definition Zero-height vertical reference surface defined by EGM96 equipotential

undulation model consisting of spherical harmonic coefficients to

degree and order 360 using the WGS 84 ellipsoid.

Release date 1996

Scope Spatial referencing

Extent

Item class

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

ISO Geodetic Registry

Item class VerticalCS

Vertical CS. Axis: height (H). Orientation: up.

UoM: m.

Item status VALID
Identifier 42

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

Data source ISO Geodetic Registry

Remarks Used in vertical coordinate reference systems.

Axes

Item class CoordinateSystemAxis

Name Gravity-related height

Item statusVALIDIdentifier35

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

Data source ISO Geodetic Registry

Remarks Used in a 1D vertical coordinate system.

Abbreviation H
Direction up
Unit metre