ISO Geodetic Registry

Item class VerticalCRS

Name WGS 84 EGM84 - OHt

Item statusVALIDIdentifier383AliasWGS84AliasEGM84AliasWGS 84

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

Data sourceISO Geodetic RegistryScopeSpatial referencingDatumWGS 84 EGM84 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

Item class VerticalDatum

Name WGS 84 EGM84 Geoid

Item statusVALIDIdentifier152AliasWGS84AliasEGM84AliasWGS 84

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

Data source ISO Geodetic Registry

Remarks Replaced by EGM96 Geoid.

Anchor definition Zero-height vertical reference surface defined by EGM84 equipotential

undulation model consisting of spherical harmonic coefficients to

degree and order 180 using the WGS 84 ellipsoid.

Release date 1987

Scope Spatial referencing

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

Item class VerticalCS

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

UoM: m.

Item statusVALIDIdentifier42

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

(150)

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