ISO Geodetic Registry

Item class	VerticalCRS	
Name	**EVRF2000 - NHt**	
Item status	VALID	
Identifier	238	
Alias	European Vertical Reference Frame 2000,EVRF_AMST / NH	
Information source	*Title*	The Vertical Reference System for Europe
	Author	J. Ihde, W. Augath, M. Sacher
	Publisher	Springer, Berlin-Heidelberg
	Publication date	2002.0
	Edition date	
	Series/Journal name	International Association of Geodesy Symposia
	Issue identification	Volume 124
	Page	345-350
	Other citation details	In Drewes H., Dodson A.H., Fortes L.P.S., Sanchez L., Sandoval P. (eds) Vertical Reference Systems. International Association of Geodesy Symposia, Vol 124. Springer, Berlin, Heidelberg
Data source	ISO Geodetic Registry	
Remarks	Uses Normal heights referenced to the GRS80 ellipsoid. Replaced by EVRF2007 - NHt.	
Scope	Spatial referencing	
Datum	European Vertical Reference Frame 2000	
Coordinate System	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

Extent

Description	**Europe - onshore - Andorra, Austria, Belgium, Bosnia and Herzegovina, Croatia, Czech Republic, Denmark, Estonia, Finland, France - mainland, Germany, Gibraltar, Hungary, Italy - mainland and Sicily, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Slovakia, Slovenia, Spain - mainland, Sweden, Switzerland, United Kingdom (UK) - Great Britain mainland, Vatican City State.**	
Geographic Bounding Box	*West-bound longitude*	-9.56
	North-bound latitude	71.21
	East-bound longitude	31.59
	South-bound latitude	35.95

ISO Geodetic Registry

Item class	VerticalDatum	
Name	**European Vertical Reference Frame 2000**	
Item status	VALID	
Identifier	127	
Alias	EVRF2000	
Information source	*Title*	The Vertical Reference System for Europe
	Author	J. Ihde, W. Augath, M. Sacher
	Publisher	Springer, Berlin-Heidelberg
	Publication date	2002.0
	Edition date	
	Series/Journal name	International Association of Geodesy Symposia
	Issue identification	Volume 124
	Page	345-350
	Other citation details	In Drewes H., Dodson A.H., Fortes L.P.S., Sanchez L., Sandoval P. (eds) Vertical Reference Systems. International Association of Geodesy Symposia, Vol 124. Springer, Berlin, Heidelberg
Data source	ISO Geodetic Registry	
Remarks	Replaced by EVRF2007. F75.	
Anchor definition	EVRF2000 is realized by the 1998 adjustment of geopotential numbers and Normal heights of the United European Leveling Network, named UELN-95/98, where the height at Normaal Amsterdams Peil (NAP) is zero, defined through height at UELN bench mark 13600 (52°22'53"N, 4°54'34"E) of 0.71599m. Datum at NAP is mean high tide in 1684. EVRF2000 is realized in Romania, Estonia, Latvia and Lithuania by a subsequent adjustment computed in 2000. The realization in Finland, Sweden and Norway was reduced to the epoch 1960 because of postglacial rebound.	
Release date	2000	
Coordinate Reference Epoch	1960.0	
Scope	Spatial referencing	

Extent

Description	**Europe - onshore - Andorra, Austria, Belgium, Bosnia and Herzegovina, Croatia, Czech Republic, Denmark, Estonia, Finland, France - mainland, Germany, Gibraltar, Hungary, Italy - mainland and Sicily, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Slovakia, Slovenia, Spain - mainland, Sweden, Switzerland, United Kingdom (UK) - Great Britain mainland, Vatican City State.**	
Geographic Bounding Box	*West-bound longitude*	-9.56
	North-bound latitude	71.21
	East-bound longitude	31.59
	South-bound latitude	35.95

ISO Geodetic Registry

Item class	VerticalCS	
Name	**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 status	VALID	
Identifier	35	
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	