ISO Geodetic Registry

Item class	VerticalCRS	
Name	**JGD2011 (vertical) - OHt**	
Item status	VALID	
Identifier	428	
Alias	Japanese Geodetic Datum 2011 (vertical)	
Information source	*Title*	Revision of the Results of Control Points after the 2011 off the Pacific coast of Tohoku Earthquake
	Author	Y. Hiyama, A. Yamagiwa, T. Kawahara, M. Iwata, Y. Fukuzaki, Y. Shouji, Y. Sato, T. Yutsudo, T. Sasaki, H. Shigematsu, H. Yamao, T. Inukai, M. Ohtaki, K. Kokado, S. Kurihara, I. Kimura, T. Tsutsumi, T. Yahagi, Y. Furuya, I. Kageyama, S. Kawamoto, K. Yamaguchi, H. Tsuji, S. Matsumura
	Publisher	Geospatial Information Authority of Japan (GSI), Tsukuba, Japan
	Publication date	2011-12
	Series/Journal name	Bulletin of the Geospatial Information Authority of Japan
	Issue identification	Voume 59
	Page	31-42
Data source	ISO Geodetic Registry	
Scope	Spatial referencing	
Datum	Japanese Geodetic Datum 2011 (vertical)	
Coordinate System	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

Extent

Description	**Japan - onshore - Hokkaido, Honshu, Shikoku, Kyushu.**	
Geographic Bounding Box	*West-bound longitude*	129.5
	North-bound latitude	45.5
	East-bound longitude	145.8
	South-bound latitude	31.0

ISO Geodetic Registry

Item class	VerticalDatum	
Name	**Japanese Geodetic Datum 2011 (vertical)**	
Item status	VALID	
Identifier	167	
Alias	JGD2011 (vertical)	
Information source	*Title*	Revision of the Results of Control Points after the 2011 off the Pacific coast of Tohoku Earthquake
	Author	Y. Hiyama, A. Yamagiwa, T. Kawahara, M. Iwata, Y. Fukuzaki, Y. Shouji, Y. Sato, T. Yutsudo, T. Sasaki, H. Shigematsu, H. Yamao, T. Inukai, M. Ohtaki, K. Kokado, S. Kurihara, I. Kimura, T. Tsutsumi, T. Yahagi, Y. Furuya, I. Kageyama, S. Kawamoto, K. Yamaguchi, H. Tsuji, S. Matsumura
	Publisher	Geospatial Information Authority of Japan (GSI), Tsukuba, Japan
	Publication date	2011-12
	Series/Journal name	Bulletin of the Geospatial Information Authority of Japan
	Issue identification	Voume 59
	Page	31-42
Data source	ISO Geodetic Registry	
Remarks	Replaces Japanese Geodetic Datum 2000 (Vertical) from 2011-10-21.	
Anchor definition	Japanese Geodetic Datum 2011 (Vertical) consists of a leveling network on the main island of Japan referenced to a single origin point (Chiyoda-Ward, Tokyo) with a height of 24.3900m above MSL. The levelling network was amended in north east Honshu following the Tohoku Earthquake on March 11, 2011.	
Release date	2011-10-21	
Scope	Spatial referencing	

Extent

Description	**Japan - onshore - Hokkaido, Honshu, Shikoku, Kyushu.**	
Geographic Bounding Box	*West-bound longitude*	129.5
	North-bound latitude	45.5
	East-bound longitude	145.8
	South-bound latitude	31.0

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	