ISO Geodetic Registry

Item class	Conversion		
Name	geocentric to	geocentric to geographic3D	
Item status	VALID		
Identifier	96		
Information source	Title	Geomatics Guidance Note No 7, part 2: Coordinate Conversions and Transformations including Formulas	
	Author	International Association of Oil and Gas Producers (IOGP)	
	Publisher	International Association of Oil and Gas Producers (IOGP)	
	Revision date	2016-09	
	Edition	51.0	
	Series/Journal nam	Series/Journal name IOGP Publication	
	Issue identification	373-7-2	
Data source	ISO Geodetic Regis	ISO Geodetic Registry	
Scope	For geocentric to go	For geocentric to geographic 3D conversions and vice versa.	
Operation method	Geographic/geocer	Geographic/geocentric conversion	

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

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Item class OperationMethod

Name Geographic/geocentric conversion

Item status VALID
Identifier 78

Data source ISO Geodetic Registry

Remarks This is a parameter-less conversion. In applications it is often

concatenated with 3-, 7- or 10-parameter transformations to form a

geographic to geographic transformation.