ISO Geodetic Registry

Item class OperationParameter

Name Longitude of natural origin

Item statusVALIDIdentifier833

Alias Longitude of central meridian REMARK: Used by citation CI2

Information source Title Map Projections – A Working Manual

Author J.P. Snyder

Publisher United States Government Printing Office,

Washington, D.C.

Publication date 1987

Series/Journal name U.S. Geological Survey Professional Paper

Issue identification 1395

Other citation details https://doi.org/10.3133/pp1395 (accessed

2022-01-19)

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 2021-11 Edition 61

Series/Journal name IOGP Publication

Issue identification 373-7-2

Other citation details https://epsg.org/guidance-notes.html (accessed

2022-01-19)

Information source Title The Universal Grids and the Transverse Mercator

and Polar Stereographic Map Projections

Author National Geospatial-Intelligence Agency (NGA)
Publisher National Geospatial-Intelligence Agency (NGA)

Revision date 2014-03-25

Series/Journal name National Geospatial-Intelligence Agency

Standardization Document

Issue identification NGA.SIG.0012_2.0.0_UTMUPS Version 2.0.0

Other citation details https://nsgreg.nga.mil/doc/view?

i=4056&month=3&day=28&year=2022 (accessed

2022-04-20)

Data source ISO Geodetic Registry

Remarks EPSG DEFINITION The longitude of the point from which the values

of both the geographical coordinates on the ellipsoid and the grid coordinates on the projection are deemed to increment or decrement for computational purposes. Alternatively it may be considered as the longitude of the point which in the absence of application of false coordinates has grid coordinates of (0,0). Sometimes known as "central meridian (CM)". SIMPLIFIED DEFINITION Is there not a simpler definition than the first sentence? For example (forget where I got this from): Reference meridian of longitude (origin) from which eastings are measured in a projected coordinate system. Often referred to as the Central Meridian (CM). ADDTIONAL REMARK "Latitude of central meridian" name from Snyder (1987) used as alias.