ISO Geodetic Registry

Item class Conversion

Name UTM zone 22S

Item status VALID
Identifier 835

Alias UTM zone -22

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 sourceISO Geodetic RegistryScopeSpatial referencing

Operation method Transverse Mercator Projection

Extent

Description	World - onshore and off and 48°W, southern her equator and 80°S.	
Geographic Bounding Box	West-bound longitude	-54.0
	North-bound latitude	-80.0
	East-bound longitude	-48.0
	South-hound latitude	0.0

Operation parameter values

Latitude of natural origin	0.0 degree	
Longitude of natural origin	-51.0 degree	
Scale factor at natural origin	0.9996 unity	
False easting	500000.0 metre	
False northing	1.0E7 metre	

ISO Geodetic Registry

Item class OperationMethod

Name Transverse Mercator Projection

Item status VALID
Identifier 834

Alias Gauss-Boaga

Alias TM

Alias Gauss-Kruger

Data source ISO Geodetic Registry

Operation parameters

Latitude of natural origin

Longitude of natural origin

Scale factor at natural origin

False easting False northing