## 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

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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

0.0

2022-04-20)

Data source ISO Geodetic Registry
Scope Spatial 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-bound latitude

#### 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