## ISO Geodetic Registry

Item class Conversion

Name UTM zone 51S

Item status VALID
Identifier 920

Alias UTM zone -51

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
Scope Spatial referencing

Operation method Transverse Mercator Projection

#### Extent

World - onshore and offshore - between 120°E and 126°E, southern hemisphere between equator and 80°S.

Geographic Bounding Box

West-bound longitude
120.0
North bound lotitude

North-bound latitude -80.0
East-bound longitude 126.0
South-bound latitude 0.0

#### Operation parameter values

Latitude of natural origin0.0 degreeLongitude of natural origin123.0 degreeScale factor at natural origin0.9996 unityFalse easting500000.0 metreFalse northing1.0E7 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