

123 CODED DATA FIELD: TERRITORIAL OR GEOGRAPHICAL NAME

Field Definition and Scope

The co-ordinate data of the entity described in block 2--.

Subfields & Occurrence

Field/Subfield	Field/Subfield Name	Repeatability	Occurrence
123	CODED DATA FIELD: TERRITORIAL OR GEOGRAPHICAL NAME	R	O
d	Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Westernmost Longitude	NR	O
e	Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Easternmost Longitude	NR	O
f	Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Northernmost Latitude	NR	O
g	Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Southernmost Latitude	NR	O
q	Co-ordinates in Decimal Degrees - Westernmost Longitude	NR	O
r	Co-ordinates in Decimal Degrees - Easternmost Longitude	NR	O
s	Co-ordinates in Decimal Degrees - Northernmost Latitude	NR	O
t	Co-ordinates in Decimal Degrees - Southernmost Latitude	NR	O
2	Source	NR	O

Indicators

Indicator	Value	Description
1	#	blank (not defined)
2	#	blank (not defined)

Subfields Description

\$d Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Westernmost Longitude

\$e Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Easternmost Longitude

\$f Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Northernmost Latitude

\$g Co-ordinates in Sexagesimal Form (Degrees, Minutes, Seconds) - Southernmost Latitude

Co-ordinates for planetary or terrestrial items. For co-ordinates that are recorded in sexagesimal form (degrees, minutes, seconds), use subfields \$d to \$g (e. g. World Geodetic System -WGS, recording in sexagesimal form, EX [4](#)).

Each subfield is fixed at 8 characters and is optional and not repeatable. Each contains the following data:

Character position 0

Hemisphere: 1-character code:

w	west
e	east
n	north
s	south

Character positions 1 to 3

Degree: 3-numeric characters, right justified, filled with zeros.

Character positions 4 to 5

Minute: 2-numeric characters, right justified, filled with zeros.

Character positions 6 to 7

Second: 2-numeric characters, right justified, filled with zeros.

\$q Co-ordinates in Decimal Degrees - Westernmost Longitude

\$r Co-ordinates in Decimal Degrees - Easternmost Longitude

\$s Co-ordinates in Decimal Degrees - Northernmost Latitude

\$t Co-ordinates in Decimal Degrees - Southernmost Latitude

For co-ordinates that are recorded in decimal degrees, use subfields \$q to \$t (e. g. World Geodetic System -WGS, recording in decimal degrees, EX 4). Each subfield is optional and not repeatable. Any number of decimals can be recorded, depending on the degree of precision.

\$2 Source

An identification in coded form for the system from which the data is derived.

See also specification of [Control Subfield 2](#). Not repeatable.

Notes on Field Contents

When the co-ordinates for a place are given in terms of a centre point rather than outside limits, the longitude and latitude that form the central axes are each recorded twice, in subfields \$d and \$e/\$q and \$r (longitude) and subfields \$f and \$g/\$s and \$t (latitude).

For the codes of sources in \$2 see for example MARC21 Cartographic Data Source Codes (<http://www.loc.gov/standards/sourcelist/cartographic-data.html>).

Related Fields

215 AUTHORIZED ACCESS POINT – TERRITORIAL OR GEOGRAPHICAL NAME
260 AUTHORIZED ACCESS POINT – PLACE AND DATE OF PUBLICATION, PERFORMANCE, PROVENANCE, ETC.

Examples

EX 1
123 ##\$de0790000\$ee0860000\$fn0200000\$gn0120000
India: longitude E 79° to E 86°, latitude N 20° to N 12°. Co-ordinates recorded in sexagesimal form.

EX 2
123 ##\$de0121957\$ee0121957\$fn0452613\$gn0452613\$2geonames
The co-ordinates for the city of Venice, Italy, recorded in sexagesimal form: longitude E 12° 19' 57", latitude N 45° 26' 13" (according to GeoNames).
EX 3
123 ##\$q12.33265\$r12.33265\$s45.43713\$t45.43713\$2geonames
The co-ordinates for the city of Venice, Italy, recorded in decimal degrees: longitude 12.33265, latitude 45.43713 (according to GeoNames).
EX 4
123 ##\$dw0582238\$ew0582238\$fs0343647\$gs0343647\$q-58.37723\$r-58.37723\$s-34.61315\$t-34.61315\$2geonames
The co-ordinates for the city of Buenos Aires, Argentina, recorded both in sexagesimal form (degrees, minutes, seconds): longitude W 58°22'38", latitude S 34°36'47", and in decimal degrees: longitude -- 58.37723, latitude -34.61315 (according to GeoNames, http://www.geonames.org/3435910/buenos-aires.html).
EX 5
123 ##\$de0223005\$ee0223005\$fn0382855\$gn0382855\$q22.50129\$r22.50129\$s38.48182\$t38.48182
The co-ordinates for the Athenian Treasury in Delphi (Greece), recorded both in sexagesimal form (degrees, minutes, seconds): longitude E 22°30'5", latitude N 38°28'55", and in decimal degrees: longitude 22.50129, latitude 38.48182.

History

2001	New field.
2016	Update.
2019	New subfield: \$2. Addition and text restructured and text errata.
2020	Text errata.