

206 MATERIAL SPECIFIC AREA: CARTOGRAPHIC ~~MATERIALS RESOURCES~~ – MATHEMATICAL DATA

Field Definition

The statements of scale, projections, coordinates and equinox of a cartographic ~~item~~ resource.

Occurrence

Mandatory for cartographic ~~items~~ resources. Repeatable.

Indicators

Indicator 1: Formatting Indicator

Unstructured

0 Structured

Indicator 2: blank (not defined)

Subfields

\$a Mathematical Data Statement

The text of the statements of scale, projection, coordinates, equinoxes and epochs including ISBD punctuation. Not repeatable.

\$b Statement of scale

Includes any equivalency statements, vertical scales or vertical exaggeration statements for relief models and other three-dimensional items. Repeatable.

\$c Statement of projection (Not repeatable)

\$d Statement of coordinates (Not repeatable)

\$e ~~Right ascension and declination~~ Statement of zone (Not repeatable) Used for celestial charts.

\$f Statement of equinox (Not repeatable)

Notes on Field Contents

The field is equivalent to the ISBD(CM) Mathematical Data Area. ~~The text of the note may use one subfield \$a for the data in unstructured format. In this situation the field is not divided into other subfields and so therefore the specifications for format and punctuation of the data in this field are as contained in the ISBD(CM) and all ISBD specified punctuation is carried in the field. in subfields \$b, \$c, \$d, \$e, \$f as required for the structured data.~~

The text of the area may use:

either one subfield \$a for the data in unstructured format; in this situation the field is not divided into other subfields and so therefore the specifications for format and punctuation of the data in this field are as contained in the ISBD and all ISBD specified punctuation is carried in the field

or subfields \$b, \$c, \$d, \$e, \$f as required for the structured data.

The correspondence between this field (structured version) and ISBD(CM) specification is illustrated below.

UNIMARC subfield	Element name	ISBD (CM)	Preceding punctuation
\$b	Statement of scale	3.1.1	New area
\$b(Repeatable)	Statement of scale	3.1.1	,
\$c	Statement of projection	3.1.2	;
\$d	Statement of coordinates	3.1.3.1	()
\$e	Right ascension and declination Statement of zone used for celestial charts	3.1.3.3	()
\$f	Statement of equinox	3.1.3.4	(*;*)

*Note: The statement of zone used for celestial charts and the statement of equinox are transcribed into the same pair of parentheses.

Related Fields

UNIMARC Bibliographic Format

- 120 CODED DATA FIELD: CARTOGRAPHIC MATERIALS
This field contains a code for map projection.
- 122 CODED DATA FIELD: TIME PERIOD OF ~~ITEM~~ RESOURCE CONTENT
This field contains in coded form the date to which the item applies, it includes the data which is found in the statement of equinox in records relating to celestial charts.
- 123 CODED DATA FIELD: CARTOGRAPHIC **RESOURCES** MATERIALS – SCALE AND COORDINATES
- 131 CODED DATA FIELD: CARTOGRAPHIC **RESOURCES** MATERIALS – GEODETIC, GRID AND VERTICAL MEASUREMENT

Examples

EX 1: Unstructured information

206 ##\$aScale 1:6 336 000 (W 170°-W 50°/N 80° -N 40°)

Structured information

206 0#\$bScale 1:6 336 000\$dW 170°-W 50°/N 80°-N 40°

EX 2: Unstructured information

206 ##\$aScale 1:250 000. Vertical scale 1:125 000 ; Universal Transverse Mercator proj. (W 124°- W 122°/N 58°-N57°)

Structured information

206 0#\$bScale 1:250 000\$bVertical scale 1:125 000\$cUniversal Transverse Mercator proj.\$dW 124°- W 122°/N 58°-N57°

EX 3: Unstructured information

206 ##\$a(RA 16 hr. 30 min. to 19 hr. 30min./Decl. -16° to -49°; eq. 1950, epoch 1948)

Structured information

206 0#\$eRA 16 hr. 30 min. to 19 hr. 30min./Decl. -16° to -49°\$feq. 1950, epoch 1948

Example of a celestial chart.

EX 4: Unstructured information

206 ##\$aScale [ca. 1:770.000]

Includes in field 315, note: Scale given with the calculated value 14.50 cm for the latitude degree

Structured information

206 0#\$bScale [ca. 1:770.000]

Includes in field 315, note: Scale given with the calculated value 14.50 cm for the latitude degree

EX 5: Unstructured information

206 ##\$aScale [ca. 1:500.000]. Vertical scale [ca. 1:100.000]

Structured information

206 0#\$bScale [ca. 1:500.000]\$bVertical scale [ca. 1:100.000]

EX 6: Unstructured information

206 ##\$aScale 1:25.000 ; Gauss-Kruger projection (W 8° 42' 37" W 8° 42' 34" W 8° 31' 03" W 8° 31' 01" / N 41° 55' 01" N 41° 54' 58" N 41° 49' 37" N 41° 49' 34")

Structured information

206 0#\$bScale 1:25.000\$cGauss-Kruger projection\$dW 8° 42' 37" W 8° 42' 34" W 8° 31' 03" W 8° 31' 01" / N 41° 55' 01" N 41° 54' 58" N 41° 49' 37" N 41° 49' 34"

EX 7: Unstructured information

206 ##\$aScale not given (RA 16 hr. 30 min. to 19 hr. 30 min. / Decl. -16° to -49° eq. 1950, epoch 1948).

Structured information

206 0#\$bScale not given\$eRA 16 hr. 30 min. to 19 hr. 30 min. / Decl. -16° to -49°\$feq. 1950, epoch 1948

Example of a celestial chart.