# 120 CODED DATA FIELD: CARTOGRAPHIC RESOURCES – GENERAL

## Field Definition and Scope

This field contains fixed-length coded data generally applicable to cartographic resources.

Mandatory for cartographic resources.

This field was designed prior to the release of the FRBR and IFLA LRM, therefore, all data from this field are relevant for pre-FRBR/IFLA LRM or non-FRBR/IFLA LRM context.

According to the FRBR/IFLA LRM, some data in this field are preferably carried in the linked authority data (see Related Fields) describing the relevant related entity unless the information pertains to the manifestation.

## Subfields & Occurrence

| Field/Subfield | Field/Subfield Name | Repeatability | Occurrence |
|---|---|---|---|
| 120 | CODED DATA FIELD: CARTOGRAPHIC RESOURCES – GENERAL | NR | MA |
| a | Cartographic Resource Coded Data (General) | NR | O |

## Indicators

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

## Subfields Description

### $a Cartographic Resource Coded Data (General)

Codes indicate aspects of cartographic resource.

The subfield is 13-characters in length. Not repeatable.

Subfield $a fixed-length data elements:

| Name of Data Element | Number of Characters | Character Positions |
|---|---|---|
| Colour Indicator | 1 | 0 |
| Index Indicator | 1 | 1 |
| Narrative Text Indicator | 1 | 2 |
| Relief Codes | 4 | 3-6 |
| Map Projection | 2 | 7-8 |
| Prime Meridian | 4 | 9-12 |

## Notes on Field Contents

### $a/0 Colour Indicator

1-character code indicates the colour characteristics of the cartographic material.

Use blank if this data pertains to FRBR/IFLA LRM entity other than the Manifestation.

| a | one colour | The resource is in a single colour, including black-and-white. |
|---|---|---|
| b | multicoloured | The resource is in more than one colour. |
| # | value position not needed | According to cataloguing rules based on IFLA LRM, this data is not needed at the manifestation level. |

### $a/1 Index Indicator

1-character code indicates whether the resource carries an index or name list.

| | |
|---|---|
| a | index or name list on cartographic resource itself |
| b | index or name list accompanying cartographic resource in booklet, pamphlet, unattached cover, etc. |
| c | index or name list present but location not specified |
| y | no index or name list |

## $a/2 Narrative Text Indicator

1-character code indicates whether the resource has text.

| | |
|---|---|
| a | text on cartographic resource itself |
| b | text accompanying cartographic resource in booklet, pamphlet, unattached cover, etc. |
| y | no narrative text |

## $a/3-6 Relief Codes

Alphabetic character codes indicate the types of relief. The list is intended to encode only the most commonly found types of relief representation. Up to four codes can be used (left justified); unused positions contain blanks, when no relief code is applied, the 4-character positions contain blanks. The types are recorded in the record in order of their importance to the material being described.

| | |
|---|---|
| a | contours |
| b | continuous tone shaded relief |
| c | hypsometric tints – layer method |
| d | hachures |
| e | bathymetry – soundings |
| f | form lines |
| g | spot heights |
| h | other methods in colour (e.g. in the style of Imhof) |
| i | pictorially |
| j | landforms (e.g. in the style of Lobeck, Raisz, Fenneman) |
| k | bathymetry – isolines |
| x | not applicable |
| z | other methods of relief representation |

## $a/7-8 Map Projection

2-character code indicates the type of projection if the projection is on the resource.

| aa | Aitoff | Azimuthal projections: Conic projections |
|---|---|---|
| ca | Albers equal area | Azimuthal projections: Conic projections |
| ab | gnomonic | Azimuthal projections: Conic projections |
| cb | Bonne | Azimuthal projections: Conic projections |
| ac | Lambert's azimuthal equal area | Azimuthal projections: Conic projections |
| cc | Lambert's conformal conic | Azimuthal projections: Conic projections |
| ad | orthographic | Azimuthal projections: Conic projections |
| cd | conic (simple) | Azimuthal projections: Conic projections |
| ae | azimuthal equidistant | Azimuthal projections: Conic projections |
| ce | Miller's bipolar oblique conformal conic | Azimuthal projections: Conic projections |
| af | stereographic | Azimuthal projections: Conic projections |
| cf | De Lisle | Azimuthal projections: Conic projections |
| ag | azimuthal equal area | Azimuthal projections: Conic projections |
| cg | projection of the International Map | Azimuthal projections: Conic projections |
| au | azimuthal, specific type unknown | Azimuthal projections: Conic projections |
| az | azimuthal, other known specific type | Azimuthal projections: Conic projections |
| ch | Tissot's conformal conic | Azimuthal projections: Conic projections |
| cp | polyconic | Azimuthal projections: Conic projections |
| cu | conic, specific type unknown | Azimuthal projections: Conic projections |

| | | |
|---|---|---|
| cz | conic, other known specific type | Azimuthal projections: Conic projections |
| ba | Gall | Cylindrical projections |
| bb | Goode's homolographic | Cylindrical projections |
| bc | Lambert's cylindrical equal area | Cylindrical projections |
| bd | Mercator | Cylindrical projections |
| be | Miller | Cylindrical projections |
| bf | Mollweide | Cylindrical projections |
| bg | sinusoidal | Cylindrical projections |
| bh | transverse Mercator | Cylindrical projections |
| bi | Gauss | Cylindrical projections |
| bj | Plate Carree | Cylindrical projections |
| bk | Cassini's | Cylindrical projections |
| bl | Laborde | Cylindrical projections |
| bm | Oblique Mercator | Cylindrical projections |
| bu | cylindrical, specific type unknown | Cylindrical projections |
| bz | cylindrical, other known specific type | Cylindrical projections |
| da | armadillo | Other projections |
| db | butterfly | Other projections |
| dc | Eckert | Other projections |
| dd | Goode's homolosine | Other projections |
| de | Miller's bipolar | Other projections |
| df | Van der Griten | Other projections |
| dg | dimaxion | Other projections |
| dh | cordiform | Other projections |
| di | polyhedric | Other projections |
| uu | type of projection unknown | |
| xx | not applicable | |
| zz | other known type | |

## $a/9-12 Prime Meridian

2-character code indicates the prime meridian of the resource when it is mentioned or is easily determined. Up to two prime meridians can be specified (left justified); unused positions contain blanks.

| | | |
|---|---|---|
| aa | Greenwich, United Kingdom | International prime meridian |
| ab | Amsterdam, Netherlands | |
| ac | Athens, Greece | |
| ad | Batavia (Djakarta) Indonesia | |
| ae | Berne, Switzerland | |
| af | Bogota, Colombia | |
| ag | Bombay, India | |
| ah | Brussels, Belgium | |
| ai | Cadiz, Spain | |
| aj | Capetown, South Africa | |
| ak | Caracas, Venezuela | |
| al | Copenhagen, Denmark | |
| am | Cordoba, Argentina | |
| an | Ferro, Canary Islands | |
| ao | Helsinki, Finland | |
| ap | Istanbul, Turkey | |
| aq | Julianehaab, Greenland | |
| ar | Lisbon, Portugal | |
| as | London, United Kingdom | |
| at | Madras, India | |
| ba | Madrid, Spain | |

| bb | Mexico City, Mexico | |
|----|---------------------|--|
| bc | Moscow, Russia | |
| bd | Munich, Germany | |
| be | Naples, Italy | |
| bf | Oslo (Christiania) Norway | |
| bg | Paris, France | |
| bh | Peking, China | |
| bi | Philadelphia, USA | |
| bj | Pulkova, Russia | |
| bk | Rio de Janeiro, Brazil | |
| bl | Rome, Italy | |
| bm | Santiago, Chile | |
| bn | Stockholm, Sweden | |
| bo | Sydney, Australia | |
| bp | Tirana, Albania | |
| bq | Tokyo, Japan | |
| br | Washington, DC, USA | |
| uu | unknown | |
| zz | other | |

## Related Fields

| UNIMARC/Bibliographic format | |
|------------------------------|--|
| 131 CODED DATA FIELD: CARTOGRAPHIC RESOURCES – GEODETIC, GRID AND VERTICAL MEASUREMENT | This field describes other physical attributes. |
| 206 MATERIAL SPECIFIC AREA: CARTOGRAPHIC RESOURCES – MATHEMATICAL DATA | Contains statements of projection in the form required by ISBD. |
| 215 PHYSICAL DESCRIPTION | This field also contains data about an resource's colour. |
| UNIMARC/Authorities format | |
| 147 CODED DATA FIELD: COLOUR AND SOUND CONTENT | In the case of LRM compliant cataloguing, information related to colour and sound content should be entered in field 147 in expression entity records. Information pertaining to the manifestation level should be entered in field 120. |

## Examples

| EX 1 |
|------|
| 120 ##$abyaa###bdaa## |
| A coloured map has text on it but no index. The projection is Mercator's, relief is shown by contours and the prime meridian is Greenwich. |

## History

| 2017 | Changes for colour indicator. |
|------|-------------------------------|
| 2020 | Changes to scope of field, subfield $a position 0 and Related fields. |
| 2023 | Text edit. |