

The following Table lists the Pica Cataloging format codes that are associated with the MARC Leader, 006, 007 and 008 Tags.

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|-------------------------------|--|
| Leader | 002 \$a | |
| /06 | Pos. 1 | Type of record |
| a | A | Language material |
| c | M | Notated music |
| d | L | Manuscript notated music |
| e | K | Cartographic material |
| f | P | Manuscript cartographic material |
| g | B | Projected medium |
| i | N | Nonmusical sound recording |
| j | G | Musical sound recording |
| k | I | Two-dimensional nonprojectable graphic |
| m | O | Computer file |
| o | Z | Kit |
| p | X | Mixed material |
| r | V | Three-dimensional artifact or naturally occurring object |
| t | F | Manuscript language material |
| /07 | Pos. 2 | Bibliographic level |
| a | o | Monographic component part |
| b | O | Serial component part |
| c | r | Collection |
| d | s | Subunit |
| i | i | Integrating resource |
| m | a | Monograph/item |
| s | b or d | Serial |
| /17 | Pos. 3 | Encoding level |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|------------|--|---|
| # | x | Full level (x) |
| 1 | 1 | Full level, material not examined |
| 2 | 2 | Less-than-full level, material not examined |
| 3 | 3 | Abbreviated level |
| 4 | r | Core level |
| 5 | 5 | Partial (preliminary level) |
| 7 | a | Minimal level |
| 8 | c | Prepublication level |
| u | u | Unknown |
| z | z | Not applicable |
| /18 | Pos. 4 | Descriptive cataloging form |
| # | 1 | Non-ISBD |
| a | 4 | AACR 2 |
| i | 3 | ISBD |
| u | 0 | Unknown |
| 006 | | |
| 006 | 00F | |
| /00 = a, t | \$X a=Language material t=Manuscript | |
| /01-04 | \$a | Illustrations |
| /05 | \$b | Target audience |
| /06 | \$c | Form of item |
| /07-10 | \$d | Nature of contents |
| /11 | \$e | Government publication |
| /12 | \$f | Conference publication |
| /13 | \$g | Festschrift |
| /14 | \$h | Index |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|------------|---|--------------------------------|
| /15 | - | Undefined |
| /16 | \$i | Literary form |
| /17 | \$j | Biography |
| 006 | 00G | |
| /00 = m | \$X m=Computer file/Electronic resources | |
| /01-04 | - | Undefined |
| /05 | \$a | Target Audience |
| /06-08 | - | Undefined |
| /09 | \$b | Type of computer file |
| /10 | - | Undefined |
| /11 | \$c | Government publication |
| /12-17 | - | Undefined |
| 006 | 00H | |
| /00 = e, f | \$X e=Cartographic material f=Manuscript cartographic material | |
| /01-04 | \$a | Relief |
| /05-6 | \$b | Projection |
| /07 | - | Undefined |
| /08 | \$c | Type of cartographic material |
| /09-10 | - | Undefined |
| /11 | \$d | Government publication |
| /12 | \$e | Form of item |
| /13 | - | Undefined |
| /14 | \$f | Index |
| /15 | - | Undefined |
| /16-17 | \$g | Special format characteristics |
| 006 | 00J | |
| /00 = p | \$X p=Mixed materials | |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|------------------|---|------------------------------------|
| /01-05 | - | Undefined |
| /06 | \$a | Form of item |
| /07-17 | - | Undefined |
| 006 | 00K | |
| /00 = c, d, i, j | \$X c=Notated music d=Manuscript notated music i=Nonmusical sound recording j=Musical sound recording | |
| /01-02 | \$a | Form of composition |
| /03 | \$b | Format of music |
| /04 | \$c | Music parts |
| /05 | \$d | Target audience |
| /06 | \$e | Form of item |
| /07-12 | \$f | Accompanying matter |
| /13-14 | \$g | Literary text for sound recordings |
| /15 | - | Undefined |
| /16 | \$h | Transposition and arrangement |
| /17 | - | Undefined |
| 006 | 00L | |
| /00 = s | \$X s=Serial/Integrating resource | |
| /01 | \$a | Frequency |
| /02 | \$b | Regularity |
| /03 | - | Undefined |
| /04 | \$c | Type of continuing resource |
| /05 | \$d | Form of original item |
| /06 | \$e | Form of item |
| /07 | \$f | Nature of entire work |
| /08-10 | \$g | Nature of contents |
| /11 | \$h | Government publication |
| /12 | \$i | Conference publication |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|------------------|--|--------------------------------------|
| /13-15 | - | Undefined |
| /16 | \$j | Original alphabet or script of title |
| /17 | \$k | Entry convention |
| 006 | 00M | |
| /00 = g, k, o, r | \$X g=Projected medium k=Two-dimensional nonprojectable graphic o=Kit r=Three-dimensional artifact or naturally occurring object | |
| /01-03 | \$a | Running time |
| /04 | - | Undefined |
| /05 | \$b | Target audience |
| /06-10 | - | Undefined |
| /11 | \$c | Government publication |
| /12 | \$d | Form of item |
| /13-15 | - | Undefined |
| /16 | \$e | Type of visual materials |
| /17 | \$f | Technique |
| 007 | | |
| 007 | 01A | 002@ \$0 pos. 1= K, or P |
| /00 | \$X | Category of material |
| a | a | Map |
| /01 | \$a | Specific material designation |
| d | d | Atlas |
| g | g | Diagram |
| j | j | Map |
| k | k | Profile |
| q | q | Model |
| r | r | Remote-sensing image |
| s | s | Section |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| u | u | Unspecified |
| y | y | View |
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |
| a | a | One color |
| c | c | Multicolored |
| l | l | No attempt to code |
| /04 | \$c | Physical medium |
| a | a | Paper |
| b | b | Wood |
| c | c | Stone |
| d | d | Metal |
| e | e | Synthetic |
| f | f | Skin |
| g | g | Textile |
| j | j | Glass |
| p | p | Plaster |
| q | q | Flexible base photographic, positive |
| r | r | Flexible base photographic, negative |
| s | s | Non-flexible base photographic, positive |
| t | t | Non-flexible base photographic, negative |
| u | u | Unknown |
| y | y | Other photographic medium |
| z | z | Other |
| l | l | No attempt to code |
| /05 | \$d | Type of reproduction |
| f | f | Facsimile |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|--|
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /06 | \$e | Production/reproduction details |
| a | a | Photocopy, blueline print |
| b | b | Photocopy |
| c | c | Pre-production |
| d | d | Film |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /07 | \$f | Positive/negative aspect |
| a | a | Positive |
| b | b | Negative |
| m | m | Mixed polarity |
| n | n | Not applicable |
| l | l | No attempt to code |
| 007 | 01B | 002@ \$0 pos. 1= O |
| /00 | \$X | Category of material |
| c | c | Electronic resource |
| /01 | \$a | Specific material designation |
| a | a | Tape cartridge |
| b | b | Chip cartridge |
| c | c | Computer optical disc cartridge |
| f | f | Tape cassette |
| h | h | Tape reel |
| j | j | Magnetic disk |
| m | m | Magneto-optical disc |
| o | o | Optical disc |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------|
| r | r | Remote |
| u | u | Unspecified |
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |
| a | a | One color |
| b | b | Black-and-white |
| c | c | Multicolored |
| g | g | Gray scale |
| m | m | Mixed |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /04 | \$c | Dimensions |
| a | a | 3 1/2 inch |
| e | e | 12 inch |
| g | g | 4 3/4 in. or 12 cm |
| i | i | 1 1/8 x 2 3/8 in. |
| j | j | 3 7/8 x 2 1/2 in. |
| n | n | Not applicable |
| o | o | 5 1/4 in. |
| u | u | Unknown |
| v | v | 8 in. |
| z | z | Other |
| l | l | No attempt to code |
| /05 | \$d | Sound |
| # | # | No sound (silent) |
| a | a | Sound |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| u | u | Unknown |
| l | l | No attempt to code |
| /06-08 | \$e | Image bit depth |
| 001-999 | 001-999 | Exact bit depth |
| mmm | mmm | Multiple |
| nnn | nnn | Not applicable |
| --- | --- | Unknown |
| lll | lll | No attempt to code |
| /09 | \$f | File formats |
| a | a | One file format |
| m | m | Multiple file formats |
| u | u | Unknown |
| l | l | No attempt to code |
| /10 | \$g | Quality assurance targets |
| a | a | Absent |
| n | n | Not applicable |
| p | p | Present |
| u | u | Unknown |
| l | l | No attempt to code |
| /11 | \$h | Antecedent/source |
| a | a | File reproduced from original |
| b | b | File reproduced from microform |
| c | c | File reproduced from an electronic resource |
| d | d | File reproduced from an intermediate (not microform) |
| m | m | Mixed |
| n | n | Not applicable |
| u | u | Unknown |
| l | l | No attempt to code |
| /12 | \$i | Level of compression |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------------------------|
| a | a | Uncompressed |
| b | b | Lossless |
| d | d | Lossy |
| m | m | Mixed |
| u | u | Unknown |
| l | l | No attempt to code |
| /13 | \$j | Reformatting quality |
| a | a | Access |
| n | n | Not applicable |
| p | p | Preservation |
| r | r | Replacement |
| u | u | Unknown |
| l | l | No attempt to code |
| 007 | 01C | 002@ \$0 pos. 1= K, or P |
| /00 | \$X | Category of material |
| d | d | Globe |
| /01 | \$a | Specific material designation |
| a | a | Celestial globe |
| b | b | Planetary or lunar globe |
| c | c | Terrestrial globe |
| e | e | Earth moon globe |
| u | u | Unspecified |
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |
| a | a | One color |
| c | c | Multicolored |
| l | l | No attempt to code |
| /04 | \$c | Physical medium |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------------------------|
| a | a | Paper |
| b | b | Wood |
| c | c | Stone |
| d | d | Metal |
| e | e | Synthetic |
| f | f | Skin |
| g | g | Textile |
| p | p | Plaster |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /05 | \$d | Type of reproduction |
| f | f | Facsimile |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| 007 | 01D | 002@ \$0 pos. 1= A, or M |
| /00 | \$X | Category of material |
| f | f | Tactile material |
| /01 | \$a | Specific material designation |
| a | a | Moon |
| b | b | Braille |
| c | c | Combination |
| d | d | Tactile, with no writing system |
| u | u | Unspecified |
| z | z | Other |
| | | No attempt to code |
| /02 | - | Undefined |
| /03-04 | \$b | Class of Braille writing |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---------------------------------------|
| # | # | No specified class of braille writing |
| a | a | Literary Braille |
| b | b | Format code braille |
| c | c | Mathematics and scientific braille |
| d | d | Computer Braille |
| e | e | Music Braille |
| m | m | Multiple braille types |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /05 | \$c | Level of contraction |
| a | a | Uncontracted |
| b | b | Contracted |
| m | m | Combination |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /06-8 | \$d | Braille music format |
| # | # | No specified braille music format |
| a | a | Bar over bar |
| b | b | Bar by bar |
| c | c | Line over line |
| d | d | Paragraph |
| e | e | Single line |
| f | f | Section by section |
| g | g | Line by line |
| h | h | Open score |
| i | i | Spanner short from scoring |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| j | j | Short from scoring |
| k | k | Outline |
| l | l | Vertical score |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /09 | \$e | Special physical characteristics |
| a | a | Print/braille |
| b | b | Jumbo or enlarged braille |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| 007 | 01E | 002@ \$0 pos. 1= B |
| /00 | \$X | Category of material |
| g | g | Projected graphic |
| /01 | \$a | Specific material designation |
| c | c | Filmstrip cartridge |
| d | d | Filmstrip |
| f | f | Other type of filmstrip |
| o | o | Filmstrip roll |
| s | s | Slide |
| t | t | Transparency |
| u | u | Unspecified |
| z | z | Other |
| | | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |
| a | a | One color |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| b | b | Black-and-white |
| c | c | Multicolored |
| h | h | Hand colored |
| m | m | Mixed |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /04 | \$c | Base of emulsion |
| d | d | Glass |
| e | e | Synthetic |
| j | j | Safety film |
| k | k | Film base, other than safety film |
| m | m | Mixed collection |
| o | o | Paper |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /05 | \$d | Sound on medium or separate |
| # | # | No sound (silent) |
| a | a | Sound on medium |
| b | b | Sound separate from medium |
| u | u | Unknown |
| l | l | No attempt to code |
| /06 | \$e | Medium for sound |
| # | # | No sound (silent) |
| a | a | Optical sound track on motion picture film |
| b | b | Magnetic sound track on motion picture film |
| c | c | Magnetic audio tape in cartridge |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| d | d | Sound disc |
| e | e | Magnetic audio tape on reel |
| f | f | Magnetic audio tape in cassette |
| g | g | Optical and magnetic sound track on motion picture film |
| h | h | Videotape |
| i | i | Videodisc |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /07 | \$f | Dimensions |
| a | a | Standard 8 mm. |
| b | b | Super 8 mm./single 8 mm. |
| c | c | 9.5 mm. |
| d | d | 16 mm. |
| e | e | 28 mm. |
| f | f | 35 mm. |
| g | g | 70 mm. |
| j | j | 2x2 in. or 5x5 cm. |
| k | k | 2 ¼ x 2 ¼ in. or 6x6 cm. |
| s | s | 4x5 in. or 10x13 cm. |
| t | t | 5x7 in. or 13x18 cm. |
| u | u | Unknown |
| v | v | 8x10 in. or 21x26 cm. |
| w | w | 9x9 in. or 23x23 cm. |
| x | x | 10x10 in. or 26x26 cm. |
| y | y | 7x7 in. or 18x18 cm. |
| z | z | Other |
| | | No attempt to code |
| /08 | \$g | Secondary support material |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|--------------------------------------|
| # | # | No secondary support |
| c | c | Cardboard |
| d | d | Glass |
| e | e | Synthetic |
| h | h | Metal |
| j | j | Metal and glass |
| k | k | Synthetic and glass |
| m | m | Mixed collection |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| 007 | 01F | 002B \$a pos. 1 = h |
| /00 | \$X | Category of material |
| h | h | Microform |
| /01 | \$a | Specific material designation |
| a | a | Aperture card |
| b | b | Microfilm cartridge |
| c | c | Microfilm cassette |
| d | d | Microfilm reel |
| e | e | Microfiche |
| f | f | Microfiche cassette |
| g | g | Microopaque |
| u | u | Unspecified |
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Positive/negative aspect |
| a | a | Positive |
| b | b | Negative |
| m | m | Mixed polarity |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|------------------------------|
| u | u | Unknown |
| l | l | No attempt to code |
| /04 | \$c | Dimensions |
| a | a | 8 mm. |
| d | d | 16 mm. |
| f | f | 35 mm. |
| g | g | 70 mm. |
| h | h | 105 mm. |
| l | l | 3x5 in. or 8x13 cm. |
| m | m | 4x6 in. or 11x15 cm. |
| o | o | 6x9 in. or 16x23 cm. |
| p | p | 3 ¼ x 7 3/8 in. or 9x19 cm. |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /05 | \$d | Reduction ratio range |
| a | a | Low reduction |
| b | b | Normal reduction |
| c | c | High reduction |
| d | d | Very high reduction |
| e | e | Ultra high reduction |
| u | u | Unknown |
| v | v | Reduction rate varies |
| l | l | No attempt to code |
| /06-8 | \$e | Reduction ratio |
| 001-999 | 001-999 | Exact bit depth |
| --- | --- | Unknown |
| lll | lll | No attempt to code |
| /09 | \$f | Color |
| b | b | Black-and-white |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|-----------------------------------|
| c | c | Multicolored |
| m | m | Mixed |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /10 | \$g | Emulsion on film |
| a | a | Silver halide |
| b | b | Diazo |
| c | c | Vesicular |
| m | m | Mixed emulsion |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /11 | \$h | Generation |
| a | a | First generation (master) |
| b | b | Printing master |
| c | c | Service copy |
| m | m | Mixed generation |
| u | u | Unknown |
| | | No attempt to code |
| /12 | \$i | Base of film |
| a | a | Safety base, undetermined |
| c | c | Safety base, acetate undetermined |
| d | d | Safety base, diacetate |
| i | i | Nitrate base |
| m | m | Mixed base (nitrate and safety) |
| n | n | Not applicable |
| p | p | Safety base, polyester |
| r | r | Safety base, mixed |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|--------------------------------------|
| t | t | Safety base, triacetate |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| 007 | 01G | 002@ \$0 pos. 1= I |
| /00 | \$X | Category of material |
| k | k | Nonprojected graphic |
| /01 | \$a | Specific material designation |
| c | c | Collage |
| d | d | Drawing |
| e | e | Painting |
| f | f | Photomechanical print |
| g | g | Photonegative |
| h | h | Photoprint |
| i | i | Picture |
| j | j | Print |
| l | l | Technical drawing |
| n | n | Chart |
| o | o | Flashcard |
| u | u | Unspecified |
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |
| a | a | One color |
| b | b | Black-and-white |
| c | c | Multicolored |
| h | h | Hand colored |
| m | m | Mixed |
| u | u | Unknown |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|-----------------------------------|
| z | z | Other |
| l | l | No attempt to code |
| /04 | \$c | Primary support material |
| a | a | Canvas |
| b | b | Bristol board |
| c | c | Cardboard/illustration board |
| d | d | Glass |
| e | e | Synthetic |
| f | f | Skin |
| g | g | Textile |
| h | h | Metal |
| m | m | Mixed collection |
| o | o | Paper |
| p | p | Plaster |
| q | q | Hardboard |
| r | r | Porcelain |
| s | s | Stone |
| t | t | Wood |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /05 | \$d | Secondary support material |
| # | # | No secondary support |
| a | a | Canvas |
| b | b | Bristol board |
| c | c | Cardboard/illustration board |
| d | d | Glass |
| e | e | Synthetic |
| f | f | Skin |
| g | g | Textile |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------------------------|
| h | h | Metal |
| m | m | Mixed collection |
| o | o | Paper |
| p | p | Plaster |
| q | q | Hardboard |
| r | r | Porcelain |
| s | s | Stone |
| t | t | Wood |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| 007 | 01H | 002@ \$0 pos. 1= B |
| /00 | \$X | Category of material |
| m | m | Motion picture |
| /01 | \$a | Specific material designation |
| a | a | Film cartridge |
| f | f | Film cassette |
| r | r | Film reel |
| u | u | Unspecified |
| z | z | Other |
| | | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |
| b | b | Black-and-white |
| c | c | Multicolored |
| h | h | Hand colored |
| m | m | Mixed |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| | | No attempt to code |
| /04 | \$c | Motion picture presentation format |
| a | a | Standard sound aperture (reduced frame) |
| b | b | Nonanamorphic (wide-screen) |
| c | c | 3D |
| d | d | Amamorphic (wide-screen) |
| e | e | Other wide-screen format |
| f | f | Standard silent aperture (full frame) |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /05 | \$d | Sound on medium or separate |
| # | # | No sound (silent) |
| a | a | Sound on medium |
| b | b | Sound separate from medium |
| u | u | Unknown |
| | | No attempt to code |
| /06 | \$e | Medium for sound |
| # | # | No sound (silent) |
| a | a | Optical sound track on motion picture film |
| b | b | Magnetic sound track on motion picture film |
| c | c | Magnetic audio tape in cartridge |
| d | d | Sound disc |
| e | e | Magnetic audio tape on reel |
| f | f | Magnetic audio tape in cassette |
| g | g | Optical and magnetic sound track on motion picture film |
| h | h | Videotape |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| i | i | Videodisc |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /07 | \$f | Dimensions |
| a | a | Standard 8 mm. |
| b | b | Super 8 mm./single 8 mm. |
| c | c | 9.5 mm. |
| d | d | 16 mm. |
| e | e | 28 mm. |
| f | f | 35 mm. |
| g | g | 70 mm. |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /08 | \$g | Configuration of playback channels |
| k | k | Mixed |
| m | m | Monaural |
| n | n | Not applicable |
| q | q | Quadraphonic, multichannel, or surround |
| s | s | Stereophonic |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /09 | \$h | Production elements |
| a | a | Workprint |
| b | b | Trims |
| c | c | Outtakes |
| d | d | Rushes |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|-----------------------------------|
| e | e | Mixing tracks |
| f | f | Title bands/inter-title rolls |
| g | g | Production rolls |
| n | n | Not applicable |
| z | z | Other |
| l | l | No attempt to code |
| /10 | \$i | Positive/negative aspect |
| a | a | Positive |
| b | b | Negative |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /11 | \$j | Generation |
| d | d | Duplicate |
| e | e | Master |
| o | o | Original |
| r | r | Reference print/viewing copy |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /12 | \$k | Base of film |
| a | a | Safety base, undetermined |
| c | c | Safety base, acetate undetermined |
| d | d | Safety base, diacetate |
| i | i | Nitrate base |
| m | m | Mixed base (nitrate and safety) |
| n | n | Not applicable |
| p | p | Safety base, polyester |
| r | r | Safety base, mixed |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|-------------------------------------|
| t | t | Safety base, triacetate |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /13 | \$l | Refined categories of color |
| a | a | 3 layer color |
| b | b | 2 color, single strip |
| c | c | Undetermined 2 color |
| d | d | Undetermined 3 color |
| e | e | 3 strip color |
| f | f | 2 strip color |
| g | g | Red strip |
| h | h | Blue or green strip |
| i | i | Cyan strip |
| j | j | Magenta strip |
| k | k | Yellow strip |
| l | l | S E N 2 |
| m | m | S E N 3 |
| n | n | Not applicable |
| p | p | Sepia tone |
| q | q | Other tone |
| r | r | Tint |
| s | s | Tinted and toned |
| t | t | Stencil color |
| u | u | Unknown |
| v | v | Hand colored |
| z | z | Other |
| l | l | No attempt to code |
| /14 | \$m | Kind of color stock or print |
| a | a | Inhibition dye transfer prints |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| b | b | Three layer stock |
| c | c | Three layer stock, low fade |
| d | d | Duplitized stock |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /15 | \$n | Deterioration stage |
| a | a | Non apparent |
| b | b | Nitrate: suspicious odor |
| c | c | Nitrate: pungent odor |
| d | d | Nitrate: brownish, discoloration, fading, dusty |
| e | e | Nitrate: sticky |
| f | f | Nitrate: frothy, bubbles, blisters |
| g | g | Nitrate: congealed |
| h | h | Nitrate: powder |
| k | k | Non-nitrate: detectable deterioration (diacetate odor) |
| l | l | Non-nitrate: advanced deterioration |
| m | m | Non-nitrate: disaster |
| l | n | No attempt to code |
| /16 | \$o | Completeness |
| c | c | Complete |
| i | i | Incomplete |
| n | n | Not applicable |
| u | u | Unknown |
| l | l | No attempt to code |
| /17-22 | \$p | Film inspection date |
| yyyymm | yyyymm | yyyy = year mm=01-12 |
| ----- | ----- | Unknown |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------------------------|
| | | No attempt to code |
| 007 | 01J | 002@ \$0 pos. 1= Z |
| /00 | \$X | Category of material |
| o | o | Kit |
| /01 | \$a | Specific material designation |
| u | u | Unspecified |
| l | l | No attempt to code |
| 007 | 01K | 002@ \$0 pos. 1= M, or L |
| /00 | \$X | Category of material |
| q | q | Notated music |
| /01 | \$a | Specific material designation |
| u | u | Unspecified |
| l | l | No attempt to code |
| 007 | 01L | 002@ \$0 pos. 1= K, or P |
| /00 | \$X | Category of material |
| r | r | Remote-sensing image |
| /01 | \$a | Specific material designation |
| u | u | Unspecified |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Altitude of sensor |
| a | a | Surface |
| b | b | Airborne |
| c | c | Spaceborne |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /04 | \$c | Attitude of sensor |
| a | a | Low oblique |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| b | b | High oblique |
| c | c | Vertical |
| n | n | Not applicable |
| u | u | Unknown |
| l | l | No attempt to code |
| /05 | \$d | Cloud cover |
| 0 | 0 | 0-9 % |
| 1 | 1 | 10-19 % |
| 2 | 2 | 20-29 % |
| 3 | 3 | 30-39 % |
| 4 | 4 | 40-49 % |
| 5 | 5 | 50-59 % |
| 6 | 6 | 60-69 % |
| 7 | 7 | 70-79 % |
| 8 | 8 | 80-89 % |
| 9 | 9 | 90-100 % |
| n | n | Not applicable |
| u | u | Unknown |
| l | l | No attempt to code |
| /06 | \$e | Platform construction type |
| a | a | Balloon |
| b | b | Aircraft - low altitude |
| c | c | Aircraft - medium altitude |
| d | d | Aircraft - high altitude |
| e | e | Manned spacecraft |
| f | f | Unmanned spacecraft |
| g | g | Land-based remote-sensing device |
| h | h | Water surface-based remote-sensing device |
| i | i | Submersible remote-sensing device |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|-----------------|--------------------------------------|------------------------------|
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /07 | \$f | Platform use category |
| a | a | Meteorological |
| b | b | Surface observing |
| c | c | Space observing |
| m | m | Mixed uses |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /08 | \$g | Sensor type |
| a | a | Active |
| b | b | Passive |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /09-10 | \$h | Data type |
| nn | nn | Not applicable |
| uu | uu | Unknown |
| zz | zz | Other |
| ll | ll | No attempt to code |
| <i>Visible</i> | | |
| aa | aa | Visible light |
| <i>Infrared</i> | | |
| da | da | Near infrared |
| db | db | Middle infrared |
| dc | dc | Far infrared |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------------------------------|--------------------------------------|---|
| dd | dd | Thermal infrared |
| de | de | Shortwave infrared (SWIR) |
| df | df | Reflective infrared |
| dv | dv | Combinations |
| dz | dz | Other infrared data |
| <i>Microwave (radar)</i> | | |
| ga | ga | Sidelooking airborne radar (SLAR) |
| gb | gb | Synthetic aperture radar (SAR)-Single frequency |
| gc | gc | SAR – multi-frequency (multichannel) |
| gd | gd | SAR – like polarization |
| ge | ge | SAR – cross polarization |
| gf | gf | Infometric SAR |
| gg | gg | Polarmetric SAR |
| gu | gu | Passive microwave data |
| gz | gz | Other microwave data |
| <i>Ultraviolet</i> | | |
| ja | ja | Far ultraviolet |
| jb | jb | Middle ultraviolet |
| jc | jc | Near ultraviolet |
| jv | jv | Ultraviolet combinations |
| jz | jz | Other ultraviolet data |
| <i>Data fusion (combinations)</i> | | |
| ma | ma | Multi-spectral, multidata |
| mb | mb | Multi-temporal |
| mm | mm | Combination of various data types |
| <i>Acoustical (elastic waves)</i> | | |
| pa | pa | Sonar – water depth |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---|--------------------------------------|--|
| pb | pb | Sonar – bottom topography images, sidescan |
| pc | pc | Sonar – bottom topography images, near surface |
| pd | pd | Sonar – bottom topography images, near bottom |
| pe | pe | Seismic surveys |
| pz | pz | Other acoustical data |
| <i>Gravity</i> | | |
| ra | ra | Gravity anomalies (general) |
| rb | rb | Free-air |
| rc | rc | Bouger |
| rd | rd | Isostatic |
| <i>Magnetic field</i> | | |
| sa | sa | Magnetic field |
| <i>Radiometric surveys (gamma rays)</i> | | |
| ta | ta | Radiometric surveys |
| 007 | 01M | 002@ \$0 pos. 1= G, or N |
| /00 | \$X | Category of material |
| s | s | Sound recording |
| /01 | \$a | Specific material designation |
| d | d | Sound disc |
| e | e | Cylinder |
| g | g | Sound cartridge |
| i | i | Sound-track film |
| q | q | Roll |
| s | s | Sound cassette |
| t | t | Sound-tape reel |
| u | u | Unspecified |
| w | w | Wire recording |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Speed |
| a | a | 16 rpm |
| b | b | 33 1/3 rpm |
| c | c | 45 rpm |
| d | d | 78 rpm |
| e | e | 8 rpm |
| f | f | 1.4 m. per sec. |
| h | h | 120 rpm |
| i | i | 160 rpm |
| k | k | 15/16 ips |
| l | l | 1 7/8 ips |
| m | m | 3 3/4 ips |
| o | o | 7 1/2 ips |
| p | p | 15 ips |
| r | r | 30 ips |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /04 | \$c | Configuration of playback channels |
| m | m | Monaural |
| q | q | Quadraphonic, multichannel, or surround |
| s | s | Stereophonic |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /05 | \$d | Groove width/groove pitch |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------|
| m | m | Microgroove/fine |
| n | n | Not applicable |
| s | s | Coarse/standard |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /06 | \$e | Dimensions |
| a | a | 3 in. |
| b | b | 5 in. |
| c | c | 7 in. |
| d | d | 10 in. |
| e | e | 12 in. |
| f | f | 16 in. |
| g | g | 4 ¾ in. or 12 cm |
| j | j | 3 7/8 x 2 ½ in. |
| n | n | Not applicable |
| o | o | 5 ¼ x 3 7/8 in. |
| s | s | 2 ¾ x 4 in. |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /07 | \$f | Tape width |
| l | l | 1/8 in. |
| m | m | ¼ in. |
| n | n | Not applicable |
| o | o | ½ in. |
| p | p | 1 in. |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---------------------------------------|
| /08 | \$g | Tape configuration |
| a | a | Full (1) track |
| b | b | Half (2) track |
| c | c | Quarter (4) track |
| d | d | Eight track |
| e | e | Twelve track |
| f | f | Sixteen track |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /09 | \$h | Kind of disc, cylinder or tape |
| a | a | Master tape |
| b | b | Tape duplication master |
| d | d | Disc master (negative) |
| i | i | Instantaneous (recorded on the spot) |
| m | m | Mass produced |
| n | n | Not applicable |
| r | r | Mother (positive) |
| s | s | Stamper (negative) |
| t | t | Test pressing |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /10 | \$i | Kind of material |
| a | a | Lacquer coating |
| b | b | Cellulose nitrate |
| c | c | Acetate tape with ferrous oxide |
| g | g | Glass with lacquer |
| i | i | Aluminum with lacquer |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| l | l | Metal |
| m | m | Plastic with metal |
| p | p | Plastic |
| r | r | Paper with lacquer or ferrous oxide |
| s | s | Shellac |
| u | u | Unknown |
| w | w | Wax |
| z | z | Other |
| l | l | No attempt to code |
| /11 | \$j | Kind of cutting |
| h | h | Hill-and-dale cutting |
| l | l | Lateral or combined cutting |
| n | n | Not applicable |
| u | u | Unknown |
| l | l | No attempt to code |
| /12 | \$k | Special playback characteristics |
| a | a | NAB standard |
| b | b | CCIR standard |
| c | c | Dolby-B encoded |
| d | d | dbx encoded |
| e | e | Digital recording |
| f | f | Dolby-A encoded |
| g | g | Dolby-C encoded |
| h | h | CX encoded |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /13 | \$l | Capture and storage technique |
| a | a | Acoustical capture, direct storage |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------------------------|
| b | b | Direct storage, not acoustical |
| d | d | Digital storage |
| e | e | Analog electrical storage |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| 007 | 01N | 002@ \$0 pos. 1= A, or H |
| /00 | \$X | Category of material |
| t | t | Text |
| /01 | \$a | Specific material designation |
| a | a | Regular print |
| b | b | Large print |
| c | c | Braille |
| d | d | Loose-leaf |
| u | u | Unspecified |
| z | z | Other |
| l | l | No attempt to code |
| 007 | 01P | 002@ \$0 pos. 1= B |
| /00 | \$X | Category of material |
| v | v | Video recording |
| /01 | \$a | Specific material designation |
| c | c | Videocartridge |
| d | d | Videodisc |
| f | f | Videocassette |
| r | r | Videoreel |
| u | u | Unspecified |
| z | z | Other |
| l | l | No attempt to code |
| /02 | - | Undefined |
| /03 | \$b | Color |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|--|
| a | a | One color |
| b | b | Black-and-white |
| c | c | Multicolored |
| m | m | Mixed |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /04 | \$c | Videorecording format |
| a | a | Beta (½ in., videocassette) |
| b | b | VHS (½ in., videocassette) |
| c | c | U-matic (¾ in., videocassette) |
| d | d | EIJA (½ in., reel) |
| e | e | Type C (1 in., reel) |
| f | f | Quadruplex (1 in. or 2in., reel) |
| g | g | Laserdisc |
| h | h | CED (Capacitance Electronic Disc) videodisc |
| i | i | Betacam (½ in., videocassette) |
| j | j | Betacam SP (½ in., videocassette) |
| k | k | Super-VHS (½ in., videocassette) |
| m | m | M-II (½ in., videocassette) |
| o | o | D-2 (¾ in., videocassette) |
| p | p | 8 mm. |
| q | q | Hi-8mm. |
| u | u | Unknown |
| v | v | DVD |
| z | z | Other |
| | | No attempt to code |
| /05 | \$d | Sound on medium or separate |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| # | # | No sound (silent) |
| a | a | Sound on medium |
| b | b | Sound separate from medium |
| u | u | Unknown |
| l | l | No attempt to code |
| /06 | \$e | Medium for sound |
| # | # | No sound (silent) |
| a | a | Optical sound track on motion picture film |
| b | b | Magnetic sound track on motion picture film |
| c | c | Magnetic audio tape in cartridge |
| d | d | Sound disc |
| e | e | Magnetic audio tape on reel |
| f | f | Magnetic audio tape in cassette |
| g | g | Optical and magnetic sound track on motion picture film |
| h | h | Videotape |
| i | i | Videodisc |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /07 | \$f | Dimensions |
| a | a | 8 mm. |
| m | m | ¼ in. |
| o | o | ½ in. |
| p | p | 1 in. |
| q | q | 2 in. |
| r | r | ¾ in. |
| u | u | Unknown |
| z | z | Other |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|--|---|
| | | No attempt to code |
| /08 | \$g | Configuration of playback channels |
| k | k | Mixed |
| m | m | Monaural |
| n | n | Not applicable |
| q | q | Quadraphonic, multichannel, or surround |
| s | s | Stereophonic |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| 007 | 01Q | 002B \$a pos. 1= z |
| /00 | \$X | Category of material |
| z | z | Unspecified |
| /01 | \$a | Specific material designation |
| m | m | Multiple physical forms |
| u | u | Unspecified |
| z | z | Other |
| | | No attempt to code |
| /00-05 | 00A \$0 | O, NR Date entered on file |
| /06 | 009 \$\$ pos. 1= b, l, e, s, i, k, m, p, r, t, n, q, c, d, u; pos. 2 = # | O, NR Type of date/publication status |
| /07-10 | 009 \$a | O, NR Date 1 |
| /11-14 | 009 \$b | O, NR Date 2 |
| /15-17 | 04B \$\$## \$a | O, NR Place of publication etc. For the codes see table country codes |
| /35-37 | 04A \$\$## \$a | NR Language. For the codes see table language codes |
| /38 | 008 \$G | Modified record |
| # | # | Not modified |
| s | s | Shortened |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|------------|-------------------------------|--|
| d | d | Dashed-on information omitted |
| x | x | Missing characters |
| r | r | Completely romanized/printed cards in non-roman script |
| o | o | Completely romanized/printed cards in non-roman script |
| l | l | No attempt to code |
| /39 | 008 \$H | |
| # | # | National bibliographic agency |
| c | c | Cooperative cataloging program |
| d | d | Other |
| u | u | Unknown |
| l | l | No attempt to code |
| 008 | | |
| 008 | 008 | 002@ \$0 pos. 1= A, or F |
| /18-21 | \$a | Illustrations (006/01-04),R |
| # | # | No illustrations |
| a | a | Illustrations |
| b | b | Maps |
| c | c | Portraits |
| d | d | Charts |
| e | e | Plans |
| f | f | Plates |
| g | g | Music |
| h | h | Facsimile |
| i | i | Coats of arms |
| j | j | Genealogical tables |
| k | k | Forms |
| l | l | Samples |
| m | m | Phonodisc, phonowire, etc. |
| o | n | Photographs |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| p | p | Illuminations |
| l | l | No attempt to code |
| /22 | \$b | Target audience (006/05) |
| # | # | Unknown or not specified |
| a | a | Preschool |
| b | b | Primary |
| c | c | Pre-adolescent |
| d | d | Adolescent |
| e | e | Adult |
| f | f | Specialized |
| g | g | General |
| j | j | Juvenile |
| l | l | No attempt to code |
| /23 | \$c | Form of item (006/06) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |
| c | c | Microopaque |
| d | d | Large print |
| f | f | Braille |
| r | r | Regular print reproduction |
| s | s | Electronic |
| l | l | No attempt to code |
| /24-27 | \$d | Nature of contents (006/07-10),R |
| # | # | No specified nature of contents |
| a | a | Abstracts/summaries |
| b | b | Bibliographies |
| c | c | Catalogs |
| d | d | Dictionaries |
| e | e | Encyclopedias |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| f | f | Handbooks |
| g | g | Legal articles |
| i | i | Indexes |
| j | j | Patent documentation |
| k | k | Discographies |
| l | l | Legislation |
| m | m | Theses |
| n | n | Surveys of literature in a subject area |
| o | o | Reviews |
| p | p | Programmed texts |
| q | q | Filmographies |
| r | r | Directories |
| s | s | Statistics |
| t | t | Technical reports |
| u | u | Standards/specifications |
| v | v | Legal cases and case notes |
| w | w | Law reports and digests |
| z | z | Treaties |
| l | l | No attempt to code |
| /28 | \$e | Government publication (006/11) |
| # | # | Not a government publication |
| a | a | Autonomous or semi-autonomous component |
| c | c | Multilocal |
| f | f | Federal/national |
| i | i | International intergovernmental |
| l | l | Local |
| m | m | Multistate |
| o | o | Government publication - level undetermined |
| s | s | State, province, territorial dependent, |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| | | etc. |
| u | u | Unknown if item is government publication |
| z | z | Other |
| l | l | No attempt to code |
| /29 | \$f | Conference publication (006/12) |
| 0 | 0 | Not a conference publication |
| 1 | 1 | Conference publication |
| l | l | No attempt to code |
| /30 | \$g | Festschrift (06/13) |
| 0 | 0 | Not a festschrift |
| 1 | 1 | Festschrift |
| l | l | No attempt to code |
| /31 | \$h | Index (06/14) |
| 0 | 0 | No index |
| 1 | 1 | Index present |
| l | l | No attempt to code |
| /32 | - | Undefined (06/15) |
| /33 | \$i | Literary form (006/16) |
| 0 | 0 | Not fiction (not further specified) |
| 1 | 1 | Fiction (not further specified) |
| c | c | Comic strips |
| d | d | Dramas |
| e | e | Essays |
| f | f | Novels |
| h | h | Humor, satires, etc. |
| i | i | Letters |
| j | j | Short stories |
| m | m | Mixed forms |
| p | p | Poetry |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---------------------------------------|
| s | s | Speeches |
| u | u | Unknown |
| l | l | No attempt to code |
| /34 | \$j | Biography (006/17) |
| # | # | No biographical material |
| a | a | Autobiography |
| b | b | Individual biography |
| c | c | Collective biography |
| d | d | Contains biographical information |
| l | l | No attempt to code |
| 008 | 008 | 002@ \$0 pos. 1= O |
| /18-21 | - | Undefined (006/01-04) |
| /22 | \$k | Target audience (006/05) |
| # | # | Unknown or not specified |
| a | a | Preschool |
| b | b | Primary |
| c | c | Pre-adolescent |
| d | d | Adolescent |
| e | e | Adult |
| f | f | Specialized |
| g | g | General |
| j | j | Juvenile |
| l | l | No attempt to code |
| /23-25 | - | Undefined (006/08) |
| /26 | \$l | Type of computer file (006/09) |
| a | a | Numeric data |
| b | b | Computer program |
| c | c | Representational |
| d | d | Document |
| e | e | Bibliographic data |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| f | f | Font |
| g | g | Game |
| h | h | Sound |
| i | i | Interactive multimedia |
| j | j | Online system or service |
| m | m | Combination |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /27 | - | Undefined (06/10) |
| /28 | \$m | Government publication (006/11) |
| # | # | Not a government publication |
| a | a | Autonomous or semi-autonomous component |
| c | c | Multilocal |
| f | f | Federal/national |
| i | i | International intergovernmental |
| l | l | Local |
| m | m | Multistate |
| o | o | Government publication - level undetermined |
| s | s | State, province, territorial dependent, etc. |
| u | u | Unknown if item is government publication |
| z | z | Other |
| | | No attempt to code |
| /29-34 | - | Undefined (06/12-17) |
| 008 | 008 | 002@ \$0 pos. 1= K, or P |
| /18-21 | \$n | Relief (006/01-04) |
| # | # | No relief shown |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|-----------------------------------|
| a | a | Contours |
| b | b | Shading |
| c | c | Gradient and bathymetric tints |
| d | d | Hachures |
| e | e | Bathymetry/soundings |
| f | f | Form lines |
| g | g | Spot heights |
| i | i | Pictorially |
| j | j | Land forms |
| k | k | Bathymetry/isolines |
| m | m | Rock drawings |
| z | z | Other |
| l | l | No attempt to code |
| /22-23 | \$o | Projection (006/05-06) |
| ## | ## | Projection not specified |
| aa | aa | Aitoff |
| ab | ab | Gnomic |
| ac | ac | Lambert's azimuthal equal area |
| ad | ad | Orthographic |
| ae | ae | Azimuthal equidistant |
| af | af | Stereographic |
| ag | ag | General vertical near-sided |
| am | am | Modified stereographic for Alaska |
| an | an | Chamberlin trimetric |
| ap | ap | Polar stereographic |
| au | au | Azimuthal, specific type unknown |
| az | az | Azimuthal other |
| ba | ba | Gall |
| bb | bb | Goode's homolographic |
| bc | bc | Lambert's cylindrical equal area |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|--|
| bd | bd | Mercator |
| be | be | Miller |
| bf | bf | Mollweide |
| bg | bg | Sinusoidal |
| bh | bh | Transverse Mercator |
| bi | bi | Gauss-Kruger |
| bj | bj | Equirectangular |
| bo | bo | Oblique Mercator |
| br | br | Robinson |
| bs | bs | Space oblique Mercator |
| bu | bu | Cylindrical, specific type unknown |
| bz | bz | Cylindrical, other |
| ca | ca | Alber's equal area |
| cb | cb | Bonne |
| cc | cc | Lambert's conformal conic |
| ce | ce | Equidistant conic |
| cp | cp | Polyconic |
| cu | cu | Conic, specific type unknown |
| cz | cz | Conic, other |
| da | da | Armadillo |
| db | db | Butterfly |
| dc | dc | Eckert |
| dd | dd | Goode's homolosine |
| de | de | Miller's bipolar oblique conformal conic |
| df | df | Van Der Grinten |
| dg | dg | Dimaxion |
| dh | dh | Cordiform |
| dl | dl | Lambert conformal |
| zz | zz | Other |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| ll | ll | No attempt to code |
| /24 | - | Undefined (06/07) |
| /25 | \$p | Type of cartographic material (006/08) |
| a | a | Single map |
| b | b | Map series |
| c | c | Map serial |
| d | d | Globe |
| e | e | Atlas |
| f | f | Separate map supplement to another work |
| g | g | Map bound as part of another work |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /26-27 | - | Undefined (06/09-10) |
| /28 | \$q | Government publication (006/11) |
| # | # | Not a government publication |
| a | a | Autonomous or semi-autonomous component |
| c | c | Multilocal |
| f | f | Federal/national |
| i | i | International intergovernmental |
| l | l | Local |
| m | m | Multistate |
| o | o | Government publication - level undetermined |
| s | s | State, province, territorial dependent, etc. |
| u | u | Unknown if item is government publication |
| z | z | Other |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| | | No attempt to code |
| /29 | \$r | Form of item (006/12) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |
| c | c | Microopaque |
| d | d | Large print |
| f | f | Braille |
| r | r | Regular print reproduction |
| s | s | Electronic |
| | | No attempt to code |
| /30 | - | Undefined (06/13) |
| /31 | \$s | Index (06/14) |
| 0 | 0 | No index |
| 1 | 1 | Index present |
| | | No attempt to code |
| /32 | - | Undefined (06/15) |
| /33-34 | \$t | Special format characteristics (006/16-17) |
| # | # | No specified special format characteristics |
| e | e | Manuscript |
| j | j | Picture card, post card |
| k | k | Calendar |
| l | l | Puzzle |
| n | n | Game |
| o | o | Wall map |
| p | p | Playing cards |
| r | r | Loose-leaf |
| z | z | Other |
| | | No attempt to code |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| 008 | 008 | 002@ \$0 pos. 1= M, L, N, or, G |
| /18-19 | \$u | Form of composition (006/01-02) |
| an | an | Anthems |
| bd | bd | Ballads |
| bt | bt | Ballets |
| bg | bg | Bluegrass music |
| bl | bl | Blues |
| cn | cn | Canons and rounds |
| ct | ct | Cantatas |
| cz | cz | Canzonas |
| cr | cr | Carols |
| ca | ca | Chaconnes |
| cs | cs | Chance compositions |
| cp | cp | Chansons, polyphonic |
| cc | cc | Chant, Christian |
| cb | cb | Chants, Other |
| cl | cl | Chorale preludes |
| ch | ch | Chorales |
| cg | cg | Concerti grossi |
| co | co | Concertos |
| cy | cy | Country music |
| df | df | Dance forms |
| dv | dv | Divertimentos, serenades, cassations, divertissements, and nocturni |
| ft | ft | Fantasias |
| fm | fm | Folk music |
| fg | fg | Fugues |
| gm | gm | Gospel music |
| hy | hy | Hymns |
| jz | jz | Jazz |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|-----------------------------|
| md | md | Madrigals |
| mr | mr | Marches |
| ms | ms | Masses |
| mz | mz | Mazurkas |
| mi | mi | Minuets |
| mo | mo | Motets |
| mp | mp | Motion picture music |
| mc | mc | Musical revues and comedies |
| mu | mu | Multiple forms |
| nc | nc | Nocturnes |
| nn | nn | Not applicable |
| op | op | Operas |
| or | or | Oratorios |
| ov | ov | Overtures |
| pt | pt | Part-songs |
| ps | ps | Passacaglias |
| pm | pm | Passion music |
| pv | pv | Pavans |
| po | po | Polonaises |
| pp | pp | Popular music |
| pr | pr | Preludes |
| pg | pg | Program music |
| rg | rg | Ragtime music |
| rp | rp | Rhapsodies |
| rq | rq | Requiems |
| ri | ri | Ricercars |
| rc | rc | Rock music |
| rd | rd | Rondos |
| sd | sd | Square dance music |
| sn | sn | Sonatas |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| sg | sg | Songs |
| st | st | Studies and exercises |
| su | su | Suites |
| sp | sp | Symphonic poems |
| sy | sy | Symphonies |
| tc | tc | Toccatas |
| ts | ts | Trio-sonatas |
| uu | uu | Unknown |
| vr | vr | Variations |
| wz | wz | Waltzes |
| zz | zz | Other |
| ll | ll | No attempt to code |
| /20 | \$v | Format of music (06/03) |
| a | a | Full score |
| b | b | Full score, miniature or study size |
| c | c | Accompaniment reduced for keyboard |
| d | d | Voice score |
| e | e | Condensed score or piano-conductor score |
| g | g | Close score |
| m | m | Multiple score formats |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| l | l | No attempt to code |
| /21 | \$w | Music parts (06/04) |
| # | # | No parts in hand or not specified |
| d | d | Instrumental and vocal parts |
| e | e | Instrumental parts |
| f | f | Vocal parts |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| n | n | Not applicable |
| u | u | Unknown |
| l | l | No attempt to code |
| /22 | \$x | Target audience (006/05) |
| # | # | Unknown or not specified |
| a | a | Preschool |
| b | b | Primary |
| c | c | Pre-adolescent |
| d | d | Adolescent |
| e | e | Adult |
| f | f | Specialized |
| g | g | General |
| j | j | Juvenile |
| l | l | No attempt to code |
| /23 | \$y | Form of item (006/06) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |
| c | c | Microopaque |
| d | d | Large print |
| f | f | Braille |
| r | r | Regular print reproduction |
| s | s | Electronic |
| l | l | No attempt to code |
| /24-29 | \$z | Accompanying matter (006/07-12) |
| # | # | No accompanying matter |
| a | a | Discography |
| b | b | Bibliography |
| c | c | Thematic index |
| d | d | Libretto or text |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|--|
| e | e | Biography of composer or author |
| f | f | Biography of performer or history of ensemble |
| g | g | Technical and/or historical information on instruments |
| h | h | Technical information on music |
| i | i | Historical information |
| k | k | Ethnological information |
| r | r | Instructional materials |
| s | s | Music |
| z | z | Other |
| l | l | No attempt to code |
| /30-31 | \$A | Literary text for sound recordings (006/13-14) |
| # | # | Item is a musical sound recording |
| a | a | Autobiography |
| b | b | Biography |
| c | c | Conference proceedings |
| d | d | Drama |
| e | e | Essays |
| f | f | Fiction |
| g | g | Reporting |
| h | h | History |
| i | i | Instruction |
| j | j | Language instruction |
| k | k | Comedy |
| l | l | Lectures, speeches |
| m | m | Memoirs |
| n | n | Not applicable |
| o | o | Folktales |
| p | p | Poetry |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| r | r | Rehearsals |
| s | s | Sounds |
| t | t | Interviews |
| z | z | Other |
| | | No attempt to code |
| /32 | - | Undefined (06/15) |
| /33 | \$B | Transposition and arrangement (006/16) |
| # | # | Not arrangement or transposition or not specified |
| a | a | Transposition |
| b | b | Arrangement |
| c | c | Both transposed and arranged |
| n | n | Not applicable |
| u | u | Unknown |
| | | No attempt to code |
| /34 | - | Undefined (06/17) |
| 008 | 008 | 002@ \$0 pos. 2= b, or d |
| /18 | \$C | Frequency (06/01) |
| # | # | No determinable frequency |
| a | a | Annual |
| b | b | Bimonthly |
| c | c | Semiweekly |
| d | d | Daily |
| e | e | Biweekly |
| f | f | Semiannual |
| g | g | Biennial |
| h | h | Triennial |
| i | i | Three times a week |
| j | j | Three times a month |
| k | k | Continuously updated |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|---|
| m | m | Monthly |
| q | q | Quarterly |
| s | s | Semimonthly |
| t | t | Three times a year |
| u | u | Unknown |
| w | w | Weekly |
| z | z | Other |
| | | No attempt to code |
| /19 | \$D | Regularity (06/02) |
| n | n | Normalized irregular |
| r | r | Regular |
| u | u | Unknown |
| x | x | Completely irregular |
| | | No attempt to code |
| /20 | - | Undefined (06/03) |
| /21 | \$E | Type of continuing resource (006/04) |
| # | # | None of the following |
| d | d | Updating database |
| l | l | Updating loose-leaf |
| m | m | Monographic series |
| n | n | Newspaper |
| p | p | Periodical |
| w | w | Updating Web site |
| | | No attempt to code |
| /22 | \$F | Form of original item (006/05) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |
| c | c | Microopaque |
| d | d | Large print |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| e | e | Newspaper format |
| f | f | Braille |
| s | s | Electronic |
| l | l | No attempt to code |
| /23 | \$I | Form of item (006/06) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |
| c | c | Microopaque |
| d | d | Large print |
| f | f | Braille |
| r | r | Regular print reproduction |
| s | s | Electronic |
| l | l | No attempt to code |
| /24 | \$J | Nature of entire work (006/07) |
| # | # | Not specified |
| a | a | Abstracts/summaries |
| b | b | Bibliographies |
| c | c | Catalogs |
| d | d | Dictionaries |
| e | e | Encyclopedias |
| f | f | Handbooks |
| g | g | Legal articles |
| h | h | Biography |
| i | i | Indexes |
| k | k | Discographies |
| l | l | Legislation |
| m | m | Theses |
| n | n | Surveys of literature in a subject area |
| o | o | Reviews |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| p | p | Programmed texts |
| q | q | Filmographies |
| r | r | Directories |
| s | s | Statistics |
| t | t | Technical reports |
| u | u | Standards/specifications |
| v | v | Legal cases and case notes |
| w | w | Law reports and digests |
| z | z | Treaties |
| | | No attempt to code |
| /25-27 | \$K | Nature of contents (006/08-10),R |
| # | # | Not specified |
| a | a | Abstracts/summaries |
| b | b | Bibliographies |
| c | c | Catalogs |
| d | d | Dictionaries |
| e | e | Encyclopedias |
| f | f | Handbooks |
| g | g | Legal articles |
| h | h | Biography |
| i | i | Indexes |
| k | k | Discographies |
| l | l | Legislation |
| m | m | Theses |
| n | n | Surveys of literature in a subject area |
| o | o | Reviews |
| p | p | Programmed texts |
| q | q | Filmographies |
| r | r | Directories |
| s | s | Statistics |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| t | t | Technical reports |
| u | u | Standards/specifications |
| v | v | Legal cases and case notes |
| w | w | Law reports and digests |
| z | z | Treaties |
| l | l | No attempt to code |
| /28 | \$L | Government publication (006/11) |
| # | # | Not a government publication |
| a | a | Autonomous or semi-autonomous component |
| c | c | Multilocal |
| f | f | Federal/national |
| i | i | International intergovernmental |
| l | l | Local |
| m | m | Multistate |
| o | o | Government publication - level undetermined |
| s | s | State, province, territorial dependent, etc. |
| u | u | Unknown if item is government publication |
| z | z | Other |
| l | l | No attempt to code |
| /29 | \$M | Conference publication (006/12) |
| 0 | 0 | Not a conference publication |
| 1 | 1 | Conference publication |
| l | l | No attempt to code |
| /30-32 | - | Undefined (06/13-15) |
| /33 | \$N | Original alphabet or script of title (006/16) |
| # | # | No alphabet or script given |
| a | a | Basic Roman |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------|-------------------------------|--|
| b | b | Extended Roman |
| c | c | Cyrillic |
| d | d | Japanese |
| e | e | Chinese |
| f | f | Arabic |
| g | g | Greek |
| h | h | Hebrew |
| i | i | Thai |
| j | j | Devanagari |
| k | k | Korean |
| l | l | Tamil |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| /34 | \$O | Entry convention (006/17) |
| 0 | 0 | Successive entry |
| 1 | 1 | Latest entry |
| 2 | 2 | Integrated entry |
| | | No attempt to code |
| 008 | 008 | 002@ \$0 pos. 1= B, I, V, or Z |
| /18-20 | \$P | Running time for motion pictures and videorecordings (06/01-03) |
| 000 | 000 | Running time exceeds 3 char. |
| 001-999 | 001-999 | Running time |
| nnn | nnn | Not applicable |
| --- | --- | Unknown |
| | | No attempt to code |
| /21 | - | Undefined (06/04) |
| /22 | \$Q | Target audience (006/05) |
| # | # | Unknown or not specified |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--|
| a | a | Preschool |
| b | b | Primary |
| c | c | Pre-adolescent |
| d | d | Adolescent |
| e | e | Adult |
| f | f | Specialized |
| g | g | General |
| j | j | Juvenile |
| l | l | No attempt to code |
| /23-27 | - | Undefined (06/06-10) |
| /28 | \$R | Government publication (006/11) |
| # | # | Not a government publication |
| a | a | Autonomous or semi-autonomous component |
| c | c | Multilocal |
| f | f | Federal/national |
| i | i | International intergovernmental |
| l | l | Local |
| m | m | Multistate |
| o | o | Government publication – level undetermined |
| s | s | State, province, territorial dependent, etc. |
| u | u | Unknown if item is government publication |
| z | z | Other |
| l | l | No attempt to code |
| /29 | \$V | Form of item (006/12) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| c | c | Microopaque |
| d | d | Large print |
| f | f | Braille |
| r | r | Regular print reproduction |
| s | s | Electronic |
| l | l | No attempt to code |
| /30-32 | - | Undefined (06/13-15) |
| /33 | \$W | Type of visual material (006/16) |
| a | a | Art original |
| b | b | Kit |
| c | c | Art reproduction |
| d | d | Diorama |
| f | f | Filmstrip |
| g | g | Game |
| i | i | Picture |
| k | k | Graphic |
| l | l | Technical drawing |
| m | m | Motion picture |
| n | n | Chart |
| o | o | Flash card |
| p | p | Microscope slide |
| q | q | Model |
| r | r | Realia |
| s | s | Slide |
| t | t | Transparency |
| v | v | Videorecording |
| w | w | Toy |
| z | z | Other |
| l | l | No attempt to code |
| /34 | \$Y | Technique (006/17) |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|------------------------------|
| a | a | Animation |
| c | c | Animation and live action |
| l | l | Live action |
| n | n | Not applicable |
| u | u | Unknown |
| z | z | Other |
| | | No attempt to code |
| 008 | 008 | 002@ \$0 pos. 1= X |
| /18-22 | - | Undefined (06/01-05) |
| /23 | \$Z | Form of item (006/12) |
| # | # | None of the following |
| a | a | Microfilm |
| b | b | Microfiche |
| c | c | Microopaque |
| d | d | Large print |
| f | f | Braille |
| r | r | Regular print reproduction |
| s | s | Electronic |
| | | No attempt to code |
| /24-34 | - | Undefined (06/07-17) |
| 048 | 048 | |
| \$a | \$a | R, Performer or ensemble |
| \$b | \$b | R, Soloist |
| /1-2 | /1-2 | |
| ba | ba | Brass - Horn |
| bb | bb | Brass -Trumpet |
| bc | bc | Brass - Cornet |
| bd | bd | Brass - Trombone |
| be | be | Brass - Tuba |
| bf | bf | Brass - Baritone |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|-------------------------------------|
| bn | bn | Brass - Unspecified |
| bu | bu | Brass - Unknown |
| by | by | Brass - Ethnic |
| bz | bz | Brass - Other |
| ca | ca | Choruses - Mixed |
| cb | cb | Choruses – Women’s |
| cc | cc | Choruses – Men’s |
| cd | cd | Choruses – Children’s |
| cn | cn | Choruses – Unspecified |
| cu | cu | Choruses – Unknown |
| cy | cy | Choruses – Ethnic |
| ea | ea | Electronic - Synthesizer |
| eb | eb | Electronic - Tape |
| ec | ec | Electronic - Computer |
| ed | ed | Electronic – Ondes Martinot |
| en | en | Electronic – Unspecified |
| eu | eu | Electronic – Unknown |
| ez | ez | Electronic - Other |
| ka | ka | Keyboard - Piano |
| kb | kb | Keyboard - Organ |
| kc | kc | Keyboard – Harpsichord |
| kd | kd | Keyboard - Clavichord |
| ke | ke | Keyboard - Continuo |
| kf | kf | Keyboard - Celeste |
| kn | kn | Keyboard – Unspecified |
| ku | ku | Keyboard - Unknown |
| ky | ky | Keyboard - Ethnic |
| kz | kz | Keyboard - Other |
| oa | oa | Larger ensemble – Full orchestra |
| ob | ob | Larger ensemble – Chamber orchestra |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|---|
| oc | oc | Larger ensemble – String orchestra |
| od | od | Larger ensemble – Band |
| oe | oe | Larger ensemble – Brass band (brass with some doubling, with or without percussion) |
| on | on | Larger ensemble – Unspecified |
| ou | ou | Larger ensemble – Unknown |
| oy | oy | Larger ensemble – Ethnic |
| oz | oz | Larger ensemble – Other |
| pa | pa | Percussion - Timpani |
| pb | pb | Percussion – Xylophone |
| pc | pc | Percussion – Marimba |
| pd | pd | Percussion - Drum |
| pn | pn | Percussion - Unspecified |
| pu | pu | Percussion - Unknown |
| py | py | Percussion - Ethnic |
| pz | pz | Percussion - Other |
| sa | sa | Strings, bowed - Violin |
| sb | sb | Strings, bowed - Viola |
| sc | sc | Strings, bowed - Violoncello |
| sd | sd | Strings, bowed – Double bass |
| se | se | Strings, bowed - Viol |
| sf | sf | Strings, bowed – Viola d’amore |
| sg | sg | Strings, bowed – Viola da gamba |
| sn | sn | Strings, bowed - Unspecified |
| su | su | Strings, bowed - Unknown |
| sy | sy | Strings, bowed - Ethnic |
| sz | sz | Strings, bowed - Other |
| ta | ta | Strings, plucked - Harp |
| tb | tb | Strings, plucked - Guitar |
| tc | tc | Strings, plucked - Lute |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|---------------|--------------------------------------|--------------------------------|
| td | td | Strings, plucked - Mandolin |
| tn | tn | Strings, plucked - Unspecified |
| tu | tu | Strings, plucked - Unknown |
| ty | ty | Strings, plucked - Ethnic |
| tz | tz | Strings, plucked - Other |
| va | va | Voices - Soprano |
| vb | vb | Voices – Mezzo Soprano |
| vc | vc | Voices - Alto |
| vd | vd | Voices - Tenor |
| ve | ve | Voices - Baritone |
| vf | vf | Voices - Bass |
| vg | vg | Voices - Counter tenor |
| vh | vh | Voices – High voice |
| vi | vi | Voices – Medium voice |
| vj | vj | Voices – Low voice |
| vn | vn | Voices - Unspecified |
| vu | vu | Voices - Unknown |
| vy | vy | Voices - Ethnic |
| wa | wa | Woodwinds - Flute |
| wb | wb | Woodwinds - Oboe |
| wc | wc | Woodwinds - Clarinet |
| wd | wd | Woodwinds - Bassoon |
| we | we | Woodwinds - Piccolo |
| wf | wf | Woodwinds – English horn |
| wg | wg | Woodwinds – Bass clarinet |
| wh | wh | Woodwinds – Recorder |
| wi | wi | Woodwinds - Saxophone |
| wn | wn | Woodwinds - Unspecified |
| wu | wu | Woodwinds - Unknown |
| wy | wy | Woodwinds – Ethnic |

| MARC21 | Pica MARC21 Cataloging Format | Description |
|--------|-------------------------------|-------------------------|
| wz | wz | Woodwinds – Other |
| zn | zn | Unspecified instruments |
| zu | zu | Unknown |
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