

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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
<b>Leader</b>	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 or v	Full level (x) Full level (v) – overwrite protection. Can be set on loading depending on data source.
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
<b>006</b>		
006	00F	
/00 = a, t	\$X a=Language material Manuscript	t=
/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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
/15	-	Undefined
/16	\$i	Literary form
/17	\$j	Biography
006	00G	
/00 = m	\$X file/Electronic resources m=Computer	
/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 material, f=Manuscript cartographic material e=Cartographic	
/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
<b>007</b>		
007	01A	002@ \$0 pos. 1= K, or P
/00	\$X	<b>Category of material</b>
a	a	Map
/01	\$a	<b>Specific material designation</b>
d	d	Atlas
g	g	Diagram
j	j	Map
k	k	Profile
q	q	Model
r	r	Remote-sensing image
s	s	Section

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
u	u	Unspecified
y	y	View
z	z	Other
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Color</b>
a	a	One color
c	c	Multicolored
		No attempt to code
/04	\$c	<b>Physical medium</b>
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
		No attempt to code
/05	\$d	<b>Type of reproduction</b>
f	f	Facsimile

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
n	n	Not applicable
u	u	Unknown
z	z	Other
		No attempt to code
/06	\$e	<b>Production/reproduction details</b>
a	a	Photocopy, blueline print
b	b	Photocopy
c	c	Pre-production
d	d	Film
u	u	Unknown
z	z	Other
		No attempt to code
/07	\$f	<b>Positive/negative aspect</b>
a	a	Positive
b	b	Negative
m	m	Mixed polarity
n	n	Not applicable
		No attempt to code
007	01B	002@ \$0 pos. 1= O
/00	\$X	<b>Category of material</b>
c	c	Electronic resource
/01	\$a	<b>Specific material designation</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
r	r	Remote
u	u	Unspecified
z	z	Other
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Color</b>
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
		No attempt to code
/04	\$c	<b>Dimensions</b>
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
		No attempt to code
/05	\$d	<b>Sound</b>
#	#	No sound (silent)
a	a	Sound

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
u	u	Unknown
		No attempt to code
/06-08	\$e	<b>Image bit depth</b>
001-999	001-999	Exact bit depth
mmm	mmm	Multiple
nnn	nnn	Not applicable
---	---	Unknown
		No attempt to code
/09	\$f	<b>File formats</b>
a	a	One file format
m	m	Multiple file formats
u	u	Unknown
		No attempt to code
/10	\$g	<b>Quality assurance targets</b>
a	a	Absent
n	n	Not applicable
p	p	Present
u	u	Unknown
		No attempt to code
/11	\$h	<b>Antecedent/source</b>
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
		No attempt to code
/12	\$i	<b>Level of compression</b>

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

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	<b>Type of reproduction</b>
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	<b>Category of material</b>
f	f	Tactile material
/01	\$a	<b>Specific material designation</b>
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	-	<b>Undefined</b>
/03-04	\$b	<b>Class of Braille writing</b>

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
#	#	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	<b>Level of contraction</b>
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	<b>Braille music format</b>
#	#	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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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	<b>Special physical characteristics</b>
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	<b>Category of material</b>
g	g	Projected graphic
/01	\$a	<b>Specific material designation</b>
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	-	<b>Undefined</b>
/03	\$b	<b>Color</b>
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
		No attempt to code
/04	\$c	<b>Base of emulsion</b>
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
		No attempt to code
/05	\$d	<b>Sound on medium or separate</b>
#	#	No sound (silent)
a	a	Sound on medium
b	b	Sound separate from medium
u	u	Unknown
		No attempt to code
/06	\$e	<b>Medium for sound</b>
#	#	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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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	<b>Dimensions</b>
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	<b>Secondary support material</b>

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
		No attempt to code
007	01F	002B \$a pos. 1 = h
/00	\$X	<b>Category of material</b>
h	h	Microform
/01	\$a	<b>Specific material designation</b>
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
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Positive/negative aspect</b>
a	a	Positive
b	b	Negative
m	m	Mixed polarity

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
u	u	Unknown
		No attempt to code
/04	\$c	<b>Dimensions</b>
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
		No attempt to code
/05	\$d	<b>Reduction ratio range</b>
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
		No attempt to code
/06-8	\$e	<b>Reduction ratio</b>
001-999	001-999	Exact bit depth
---	---	Unknown
		No attempt to code
/09	\$f	<b>Color</b>
b	b	Black-and-white

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
c	c	Multicolored
m	m	Mixed
u	u	Unknown
z	z	Other
		No attempt to code
/10	\$g	<b>Emulsion on film</b>
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	<b>Generation</b>
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	<b>Base of film</b>
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
		No attempt to code
007	01G	002@ \$0 pos. 1= I
/00	\$X	<b>Category of material</b>
k	k	Nonprojected graphic
/01	\$a	<b>Specific material designation</b>
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
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Color</b>
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
		No attempt to code
/04	\$c	<b>Primary support material</b>
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
		No attempt to code
/05	\$d	<b>Secondary support material</b>
#	#	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	<b>Category of material</b>
m	m	Motion picture
/01	\$a	<b>Specific material designation</b>
a	a	Film cartridge
f	f	Film cassette
r	r	Film reel
u	u	Unspecified
z	z	Other
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Color</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
		No attempt to code
/04	\$c	<b>Motion picture presentation format</b>
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	<b>Sound on medium or separate</b>
#	#	No sound (silent)
a	a	Sound on medium
b	b	Sound separate from medium
u	u	Unknown
		No attempt to code
/06	\$e	<b>Medium for sound</b>
#	#	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
		No attempt to code
/07	\$f	<b>Dimensions</b>
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
		No attempt to code
/08	\$g	<b>Configuration of playback channels</b>
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
/09	\$h	<b>Production elements</b>
a	a	Workprint
b	b	Trims
c	c	Outtakes
d	d	Rushes

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
e	e	Mixing tracks
f	f	Title bands/inter-title rolls
g	g	Production rolls
n	n	Not applicable
z	z	Other
		No attempt to code
/10	\$i	<b>Positive/negative aspect</b>
a	a	Positive
b	b	Negative
n	n	Not applicable
u	u	Unknown
z	z	Other
		No attempt to code
/11	\$j	<b>Generation</b>
d	d	Duplicate
e	e	Master
o	o	Original
r	r	Reference print/viewing copy
u	u	Unknown
z	z	Other
		No attempt to code
/12	\$k	<b>Base of film</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
t	t	Safety base, triacetate
u	u	Unknown
z	z	Other
		No attempt to code
/13	\$l	<b>Refined categories of color</b>
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
		No attempt to code
/14	\$m	<b>Kind of color stock or print</b>
a	a	Inhibition dye transfer prints

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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
		No attempt to code
/15	\$n	<b>Deterioration stage</b>
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
	n	No attempt to code
/16	\$o	<b>Completeness</b>
c	c	Complete
i	i	Incomplete
n	n	Not applicable
u	u	Unknown
		No attempt to code
/17-22	\$p	<b>Film inspection date</b>
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	<b>Category of material</b>
o	o	Kit
/01	\$a	<b>Specific material designation</b>
u	u	Unspecified
		No attempt to code
007	01K	002@ \$0 pos. 1= M, or L
/00	\$X	<b>Category of material</b>
q	q	Notated music
/01	\$a	<b>Specific material designation</b>
u	u	Unspecified
		No attempt to code
007	01L	002@ \$0 pos. 1= K, or P
/00	\$X	<b>Category of material</b>
r	r	Remote-sensing image
/01	\$a	<b>Specific material designation</b>
u	u	Unspecified
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Altitude of sensor</b>
a	a	Surface
b	b	Airborne
c	c	Spaceborne
n	n	Not applicable
u	u	Unknown
z	z	Other
		No attempt to code
/04	\$c	<b>Attitude of sensor</b>
a	a	Low oblique

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
b	b	High oblique
c	c	Vertical
n	n	Not applicable
u	u	Unknown
		No attempt to code
/05	\$d	<b>Cloud cover</b>
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
		No attempt to code
/06	\$e	<b>Platform construction type</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
n	n	Not applicable
u	u	Unknown
z	z	Other
		No attempt to code
/07	\$f	<b>Platform use category</b>
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
		No attempt to code
/08	\$g	<b>Sensor type</b>
a	a	Active
b	b	Passive
u	u	Unknown
z	z	Other
		No attempt to code
/09-10	\$h	<b>Data type</b>
nn	nn	Not applicable
uu	uu	Unknown
zz	zz	Other
		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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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	<b>Category of material</b>
s	s	Sound recording
/01	\$a	<b>Specific material designation</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
z	z	Other
		No attempt to code
/02	-	<b>Undefined</b>
/03	\$b	<b>Speed</b>
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
		No attempt to code
/04	\$c	<b>Configuration of playback channels</b>
m	m	Monaural
q	q	Quadraphonic, multichannel, or surround
s	s	Stereophonic
u	u	Unknown
z	z	Other
		No attempt to code
/05	\$d	<b>Groove width/groove pitch</b>

MARC21	Pica MARC21 Cataloging Format	Description
m	m	Microgroove/fine
n	n	Not applicable
s	s	Coarse/standard
u	u	Unknown
z	z	Other
		No attempt to code
/06	\$e	<b>Dimensions</b>
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
		No attempt to code
/07	\$f	<b>Tape width</b>
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
		No attempt to code

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
/08	\$g	<b>Tape configuration</b>
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
		No attempt to code
/09	\$h	<b>Kind of disc, cylinder or tape</b>
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
		No attempt to code
/10	\$i	<b>Kind of material</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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
		No attempt to code
/11	\$j	<b>Kind of cutting</b>
h	h	Hill-and-dale cutting
l	l	Lateral or combined cutting
n	n	Not applicable
u	u	Unknown
		No attempt to code
/12	\$k	<b>Special playback characteristics</b>
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
		No attempt to code
/13	\$l	<b>Capture and storage technique</b>
a	a	Acoustical capture, direct storage

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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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	<b>Videorecording format</b>
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	<b>Sound on medium or separate</b>

MARC21	Pica MARC21 Cataloging Format	Description
#	#	No sound (silent)
a	a	Sound on medium
b	b	Sound separate from medium
u	u	Unknown
		No attempt to code
/06	\$e	<b>Medium for sound</b>
#	#	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
		No attempt to code
/07	\$f	<b>Dimensions</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
		No attempt to code
/08	\$g	<b>Configuration of playback channels</b>
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	<b>Category of material</b>
z	z	Unspecified
/01	\$a	<b>Specific material designation</b>
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,  , 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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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
		No attempt to code
/39	008 \$H	
#	#	National bibliographic agency
c	c	Cooperative cataloging program
d	d	Other
u	u	Unknown
		No attempt to code
<b>008</b>		
008	008	002@ \$0 pos. 1= A, or F
/18-21	\$a	<b>Illustrations (006/01-04),R</b>
#	#	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
		No attempt to code
/22	\$b	<b>Target audience (006/05)</b>
#	#	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
		No attempt to code
/23	\$c	<b>Form of item (006/06)</b>
#	#	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
/24-27	\$d	<b>Nature of contents (006/07-10),R</b>
#	#	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
		No attempt to code
/28	\$e	<b>Government publication (006/11)</b>
#	#	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
		No attempt to code
/29	\$f	<b>Conference publication (006/12)</b>
0	0	Not a conference publication
1	1	Conference publication
		No attempt to code
/30	\$g	<b>Festschrift (06/13)</b>
0	0	Not a festschrift
1	1	Festschrift
		No attempt to code
/31	\$h	<b>Index (06/14)</b>
0	0	No index
1	1	Index present
		No attempt to code
/32	-	<b>Undefined (06/15)</b>
/33	\$i	<b>Literary form (006/16)</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
s	s	Speeches
u	u	Unknown
		No attempt to code
/34	\$j	<b>Biography (006/17)</b>
#	#	No biographical material
a	a	Autobiography
b	b	Individual biography
c	c	Collective biography
d	d	Contains biographical information
		No attempt to code
008	008	002@ \$0 pos. 1= O
/18-21	-	<b>Undefined (006/01-04)</b>
/22	\$k	<b>Target audience (006/05)</b>
#	#	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
		No attempt to code
/23-25	-	<b>Undefined (006/08)</b>
/26	\$l	<b>Type of computer file (006/09)</b>
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	-	<b>Undefined (06/10)</b>
/28	\$m	<b>Government publication (006/11)</b>
#	#	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	-	<b>Undefined (06/12-17)</b>
008	008	002@ \$0 pos. 1= K, or P
/18-21	\$n	<b>Relief (006/01-04)</b>
#	#	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
		No attempt to code
/22-23	\$o	<b>Projection (006/05-06)</b>
##	##	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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
		No attempt to code
/24	-	<b>Undefined (06/07)</b>
/25	\$p	<b>Type of cartographic material (006/08)</b>
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
		No attempt to code
/26-27	-	<b>Undefined (06/09-10)</b>
/28	\$q	<b>Government publication (006/11)</b>
#	#	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	<b>Form of item (006/12)</b>
#	#	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	-	<b>Undefined (06/13)</b>
/31	\$s	<b>Index (06/14)</b>
0	0	No index
1	1	Index present
		No attempt to code
/32	-	<b>Undefined (06/15)</b>
/33-34	\$t	<b>Special format characteristics (006/16-17)</b>
#	#	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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
008	008	002@ \$0 pos. 1= M, L, N, or, G
/18-19	\$u	<b>Form of composition (006/01-02)</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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
		No attempt to code
/20	\$v	<b>Format of music (06/03)</b>
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
		No attempt to code
/21	\$w	<b>Music parts (06/04)</b>
#	#	No parts in hand or not specified
d	d	Instrumental and vocal parts
e	e	Instrumental parts
f	f	Vocal parts

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
n	n	Not applicable
u	u	Unknown
		No attempt to code
/22	\$x	<b>Target audience (006/05)</b>
#	#	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
		No attempt to code
/23	\$y	<b>Form of item (006/06)</b>
#	#	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
/24-29	\$z	<b>Accompanying matter (006/07-12)</b>
#	#	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
		No attempt to code
/30-31	\$A	<b>Literary text for sound recordings (006/13-14)</b>
#	#	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	-	<b>Undefined (06/15)</b>
/33	\$B	<b>Transposition and arrangement (006/16)</b>
#	#	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	-	<b>Undefined (06/17)</b>
008	008	002@ \$0 pos. 2= b, or d
/18	\$C	<b>Frequency (06/01)</b>
#	#	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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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	<b>Regularity (06/02)</b>
n	n	Normalized irregular
r	r	Regular
u	u	Unknown
x	x	Completely irregular
		No attempt to code
/20	-	<b>Undefined (06/03)</b>
/21	\$E	<b>Type of continuing resource (006/04)</b>
#	#	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	<b>Form of original item (006/05)</b>
#	#	None of the following
a	a	Microfilm
b	b	Microfiche
c	c	Microopaque
d	d	Large print

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
e	e	Newspaper format
f	f	Braille
s	s	Electronic
		No attempt to code
/23	\$I	<b>Form of item (006/06)</b>
#	#	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	\$J	<b>Nature of entire work (006/07)</b>
#	#	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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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	<b>Nature of contents (006/08-10),R</b>
#	#	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
		No attempt to code
/28	\$L	<b>Government publication (006/11)</b>
#	#	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	\$M	<b>Conference publication (006/12)</b>
0	0	Not a conference publication
1	1	Conference publication
		No attempt to code
/30-32	-	<b>Undefined (06/13-15)</b>
/33	\$N	<b>Original alphabet or script of title (006/16)</b>
#	#	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	<b>Entry convention (006/17)</b>
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	<b>Running time for motion pictures and videorecordings (06/01-03)</b>
000	000	Running time exceeds 3 char.
001-999	001-999	Running time
nnn	nnn	Not applicable
---	---	Unknown
		No attempt to code
/21	-	<b>Undefined (06/04)</b>
/22	\$Q	<b>Target audience (006/05)</b>
#	#	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	No attempt to code
/23-27	-	<b>Undefined (06/06-10)</b>
/28	\$R	<b>Government publication (006/11)</b>
#	#	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	\$V	<b>Form of item (006/12)</b>
#	#	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
		No attempt to code
/30-32	-	<b>Undefined (06/13-15)</b>
/33	\$W	<b>Type of visual material (006/16)</b>
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
		No attempt to code
/34	\$Y	<b>Technique (006/17)</b>

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	-	<b>Undefined (06/01-05)</b>
/23	\$Z	<b>Form of item (006/12)</b>
#	#	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	-	<b>Undefined (06/07-17)</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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

<b>MARC21</b>	<b>Pica MARC21 Cataloging Format</b>	<b>Description</b>
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