

SECTION I  
UNIMARC TO MARC 21 CONVERSION CHARTS  
(IN SEQUENCE BY UNIMARC FIELD)  
(RECORD LABEL, DIRECTORY, 001, 100-135)

UNIMARC				MARC 21				NOTES
TAG	CHAR. POS.	NO. OF CHAR.	NAME/DESCRIPTION	TAG	CHAR. POS.	NO. OF CHAR.	NAME/DESCRIPTION	
REC LAB (NR)		24	RECORD LABEL					See note below
			Processing note for UNIMARC Record Label: To construct the MARC 21 Leader, Directory, and fields 007 and 008, use Procedures 9.1, 9.2, to identify location of specifications for each byte required in USMARC. The instructions under UNIMARC Label; 001; 100; 101; 102; 105; 106; 110; 111; 115; 120; 121; 124; 125 \$a, \$b, \$e, \$f; 126/06-20, \$b; 130 should not be executed except as indicated in Procedure 9.1 or Procedures 10-13. (NOTE: UNIMARC 122, 123, 125 \$c, \$d and 126 \$a/00-05 process into distinct variable fields and instructions for them should be executed when appropriate).					
	00-04	5	RECORD LENGTH  (right justified, zero fill)		00-04	5	LOGICAL RECORD LENGTH  (right justified, zero fill)	Computed by the record conversion program by counting the number of characters (including itself) that comprise a given record.
	05	1	RECORD STATUS  c Corrected record d Deleted record n New record o Previously issued higher level record p Previously issued as incomplete (prepub) -----		05	1	RECORD STATUS  c - Corrected record d - Deleted record n - New record ----- p - Increase in encoding level (prepub) a - Increase in encoding level	TRANSFER Record Label value to /05 Keep Keep Keep CHANGE o to c Keep -----
	06	1	TYPE OF RECORD a Language material, print b Language material, mss. c+ Music scores, printed d+ Music scores, manuscript e Cartographic, printed f Cartographic, manuscript g+ Projected & video h+ Microforms i+ Sound rec., non-musical j+ Sound recordings-musical k+ Two-dimensional graphics l+ Computer media m+ Multimedia n* Special instr. materials		06	1	TYPE OF RECORD a Language material b Archival material c Printed music d Manuscript music e Printed map f Manuscript map g Projected medium ----- i Non-musical sound rec. j Musical sound rec. k+ Two dimension. graphi m Machine readable CF o Kits r 3-dim. artifact or ob.	TRANSFER /06 value Keep (D) Keep Keep Keep Keep Keep Keep CHANGE h to a Keep Keep Keep Keep CHANGE m to o CHANGE n to r

07	1	BIBLIOGRAPHIC LEVEL a Analytic ----- c Collection [made-up] m Monograph/unit s Serial -----	07	1	BIBLIOGRAPHIC LEVEL a Mono. component part b Serial component part c Collection m Monograph/unit s Serial d Subunit	TRANSFER /07 value REJECT RCD.[Msg.01] Keep Keep (D) Keep
08	1	HIERARCHICAL LEVEL # Hierarchy undefined 0 No hierarchy 1 Highest level record 2 Record below highest level	08	1	UNDEFINED # Blank	SET to # (blank) Keep
09	1	UNDEFINED # Blank	09	1	UNDEFINED # Blank	SET to # (blank) Keep
10	1	INDICATOR LENGTH 2 Number of indicators	10		Indicator count 2 Number of indicators	SET to value 2
11	1	SUBFIELD IDENTIFIER LENGTH 2 Length of subfield ID	11	1	Subfield code count 2 Length of subfield ID	SET to value 2
12-16	5	BASE ADDRESS OF DATA (right justified, zero fill)	12-16	5	BASE ADDRESS OF DATA (right justified; zero fill)	The value is calculated by the conversion program; Beginning with data after the Directory
17	1	ENCODING LEVEL # Full level (piece 1 No piece examined 2 Prepublication record ----- 3* Preliminary cataloging	17	1	ENCODING LEVEL # Full level 1 Item not examined 8 Prepublication level 5 Partial record 7 Preliminary cataloging	TRANSFER /17 value Keep Keep Change 2 to 8 CHANGE 3 to 7 (D)

18	1	DESCRIPTIVE CATALOGING FORM # Full ISBD i Partial/incomplete ISBD n non-ISBD -----	18	1	DESCRIPTIVE CATALOGING FORM i Full ISBD i Full ISBD # Non-ISBD a AACR 2	CONVERT /18 value  CHANGE # to i (D) Keep CHANGE n to # (see Processing Note)
Processing Note: If UNIMARC 801 \$g contains string "AACR2", set MARC 21 LDR 18 to value "a"						
19	1	UNDEFINED # Blank	19	1	LINKED RECORD REQUIREMENT # Related record not req. r Related record required	SET /19 to value #
20	1	LENGTH OF THE LENGTH-OF-FIELD PORTION 4 Length	20	1	LENGTH OF THE LENGTH-OF-FIELD PORTION 4 Length	TRANSFER /20 value
21	1	LENGTH OF THE STARTING-CHARACTER-POSITION PORTION 5 Length	21	1	LENGTH OF THE STARTING-CHARACTER-POS. PORTION 5 Length	TRANSFER /21 value
22	1	UNDEFINED # Blank	22	1	LENGTH OF THE IMPLEMENTATION-DEFINED PORTION 0 No impl. char.	SET TO VALUE 0
23	1	UNDEFINED # Blank	23	1	UNDEFINED ENTRY MAP CHARACTER POSITION	SET TO VALUE 0

UNIMARC				MARC 21				NOTES																		
TAG IND.	CHAR. POS. R/NR	NO. OF CHAR. OR SF	NAME/DESCRIPTION	TAG	CHAR. POS.	NO. OF CHAR.	NAME/DESCRIPTION																			
DIR	NR		DIRECTORY (According to ISO 2709; arranged in ascending order according to 1st character of tag or by complete tag)	DIR			RECORD DIRECTORY	Assembled by conversion program; see note below																		
<p>Processing Note for Record Directory:            The Record Directory is assembled as specified in MARC 21 Specifications for Record Structure, Character Sets, Tapes, p. 5-6. Note especially that the sequence of fields 001-399 is relative to the repetition of the entire field number; but for fields 400-999 it is relative to repetition of fields with the same 1st digit of the field number. For this reason, when the Record Directory entries are sorted at the end of the conversion, the entries for fields 001-399 must be sorted differently from those for fields 400-999. (See example below)</p> <table> <thead> <tr> <th>MARC 21 Tag</th> <th>Sequence Number</th> <th></th> </tr> </thead> <tbody> <tr> <td>020</td> <td>1</td> <td>SORTED ON ENTIRE TAG</td> </tr> <tr> <td>020</td> <td>2</td> <td></td> </tr> <tr> <td>but: 490</td> <td>1</td> <td>SORTED ON 1ST DIGIT</td> </tr> <tr> <td>440</td> <td>2</td> <td>OF THE TAG</td> </tr> <tr> <td>490</td> <td>3</td> <td></td> </tr> </tbody> </table> <p>MARC 21 Leader/00-04 and /12-16 should be calculated once the Directory has been assembled. NOTE: Directory entries for MARC 21 886 should be placed last and arranged in ascending order according to the order of their source fields in a record. See also the instruction concerning the order of note fields under tag 5XX.</p>									MARC 21 Tag	Sequence Number		020	1	SORTED ON ENTIRE TAG	020	2		but: 490	1	SORTED ON 1ST DIGIT	440	2	OF THE TAG	490	3	
MARC 21 Tag	Sequence Number																									
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UNIMARC				MARC 21				NOTES
TAG IND.	CHAR. POS. R/NR	NO. OF CHAR. OR SF	NAME/DESCRIPTION	TAG	CHAR. POS.	NO. OF CHAR.	NAME/DESCRIPTION	
001 no ind.	NR	no subf.	RECORD IDENTIFIER Can be any number designated by originating agency; no restrictions on form or length	001			RECORD CONTROL NUMBER	Keep See Processing Note.  REJECT RECORD [Msg 03]
Processing note for record identifier: If no 001 field is present, reject record. Generation of error message 03 is recommended.								
---		----		003			CONTROL NUMBER IDENTIFIER	See Processing Note
Processing note: Create a MARC 21 field 003, with no indicators or subfields. Insert a MARC code for the source of the control number in field 001 based on either a parameter setting or the source code(s) in UNIMARC field 801. See Table 6 for a correspondence of ISO 3166 country codes and MARC national library codes.								
005 no ind.	NR	no subf.	VERSION IDENTIFIER	005			TIME AND DATE OF LAST TRANSACTION	Keep; See Processing Note
Processing note for Version Identifier: If the UNIMARC source record includes field 005, transfer entire field to MARC 21 record. Do not change date or time recorded in field. Else, create new MARC 21 005 with no indicators or subfield codes. For newly created 005, supply date and time based on the date and time of conversion in the format: YYYYMMDDHHMMSS.T (Y = year, M = month, D = day, H = hour, M = minutes, S = seconds, T = tenth of a second) If record includes UNIMARC 801 \$c, use data from \$c instead of date and time of conversion in any new MARC 21 005. (See also UNIMARC 801 processing.)								

010	R			INTERNATIONAL STANDARD BOOK NUMBER (ISBN)	020	R			INTERNATIONAL STANDARD BOOK NUMBER (ISBN)	CHANGE 010 to 020
		#	#	Blank Blank			#	3	Blank Blank	Keep Keep
NR			a	ISBN (hyphens)	NR		a		ISBN (no hyphens)	Keep; see note below
NR			b	Qualification	NR		-b		Binding information	See note below
NR			d	Terms of availability	NR		c		Terms of availability	CHANGE \$d to \$c; see note below
R			z	Erroneous number	R		z		Cancelled/invalid ISBN	Keep; see note below
<p>Processing note for UNIMARC 010: Delete any hyphens in \$a and \$z data. Enclose \$b data in parentheses, if parentheses not already present, and insert \$b immediately following \$a, substituting "#" for "\$b". If no UNIMARC \$a is present substitute "#" for "\$b" and insert at end of MARC 21 \$c. If no UNIMARC \$a or \$d is present change \$b to \$c and enclose data in parentheses, if parentheses not already present. Change \$d to \$c and, if it is not the first subfield in the field, insert "#:" as the last two characters of which ever subfield precedes it.</p>										

011	R			INTERNATIONAL STANDARD SERIAL NUMBER (ISSN)	022	R			INTERNATIONAL STANDARD SERIAL NUMBER (ISSN)	CHANGE 011 to 022
		#		Blank ----- ----- Blank			#	0 1	Int'l int. not des. Full int'l interest No int'l interest Blank	Set 1st ind. = #  Keep Keep
NR			a	ISSN (includes hyphens)	NR		a		Number (includes hyphen)	Keep 350\$b; see note
NR			b	Qualification					-----	350\$a; see note
R			d	Terms of availability	R		y		Incorrect ISSN	Change \$z to \$y
R			z	Erroneous number	R		z		Cancelled ISSN	
<p>Processing note for 011: UNIMARC 011 \$b and \$d are transferred to tag 350 as follows: UNIMARC 011 \$a is converted to MARC 21 022. Convert 011 \$d to 350 \$a, with both indicators st to # (blank). Enclose UNIMARC 011 \$b data in parenthesis if parentheses not already present and convert to 350 \$b.</p>										

012+				INTERNATIONAL STANDARD RECORDING NUMBER	024	R			INTERNATIONAL STANDARD RECORDING NUMBER	DO NOT CONVERT 012
							0 1	-	ISRN US universal prod. code -----	
					NR				a	Standard recording no.
					NR				b	Additional codes
					R				z	Cancelled/invalid no.

020	R				NATIONAL BIBLIOGRAPHY NUMBER (NBN)	015	NR				NATIONAL BIBLIOGRAPHY NUMBER	CHANGE 020 to 015 See Processing note for information on source code
		#	#		Blank			#			Blank	Keep
	NR			a	Blank						Blank	Keep
	NR			b	Country code		R		2	Source	Number	CHANGE \$a to \$2
	R			z	Number				a	Number	Number	CHANGE \$b to \$a
					Erroneous number				a	Number	Number	CHANGE \$z to \$a
<p>Processing note for 020: In MARC 21, the source of the National Bibliographic Number is stated in terms of a publication and not simply a country code, since for some countries, more than one national bibliography number may be possible. To get around this problem, the ISO country code in UNIMARC 020 \$a is converted to an equivalent national bibliography code in MARC21 subfield \$2. Refer to correspondence list in Table 5.</p>												
021	R				LEGAL DEPOSIT NUMBER	017	R				COPYRIGHT REGISTRATION NUMBER	CHANGE 021 to 017
		#	#		Blank			#			Blank	Keep
	NR			a	Blank		NR			b	Blank	Keep
	NR			b	Country code		R		a	Source/assigning agency	Source/assigning agency	CHANGE \$a to \$b
	R			z	Number					Copyright regis. no.	Copyright regis. no.	CHANGE \$b to \$a
					Erroneous number					-----	-----	Do not convert \$z
<p>Processing note for UNIMARC 021: Put MARC 21 subfields in order: \$a\$b</p>												
022	R				GOVERNMENT PUBLICATION NUMBER	086	R				GOVERNMENT DOCUMENT CLASSIFICATION NO.	CHANGE 022 TO 086
		#	#		Blank			#			Blank	Keep
	NR			a	Blank		NR		2	Source/class. scheme	Blank	Keep
	NR			b	Country code		NR		a	Number	Source/class. scheme	CHANGE \$a to \$2
	R			z	Number		R		z	Cancelled/invalid	Number	CHANGE \$b to \$a
					Erroneous number						Cancelled/invalid	Keep
<p>Processing note for UNIMARC 022: Put MARC 21 subfields in order \$a\$z\$2</p>												
040	R				CODEN (SERIALS)	030	R				CODEN DESIGNATION	CHANGE 040 to 030
		#	#		Blank			#			Blank	Keep
	NR			a	Blank		NR		a	CODEN	Blank	Keep
	R			z	CODEN code		R		z	Cancelled/invalid Coden	CODEN	Keep
					Erroneous code						Cancelled/invalid Coden	Keep



071	R			PUBLISHER'S NUMBER FOR MUSIC (SOUND RECORDINGS AND MUSIC)	028	R			PUBLISHER NUMBER	CHANGE 071 to 028
		0		Issue number			0		Issue number	Keep
		1		Matrix number			1		Matrix number	Keep
		2		Plate number			2		Plate number	Keep
		3		Other music number			3		Other music number	Keep
			0	Do not make a note			0		No note, no added entry	Keep
			1	make a note			2		Note, no added entry	Change 1 to 2
	NR			a Publisher number		NR		a	Publisher number	Keep
	NR			b Source		NR		b	Source	Keep
										see note below

UNIMARC				MARC 21				NOTES
TAG IND.	CHAR. POS. R/NR	NO. OF CHAR. OR SF	NAME/DESCRIPTION	TAG	CHAR. POS.	NO. OF CHAR.	NAME/DESCRIPTION	
100 ##	NR NR	35 \$a	GENERAL PROCESSING DATA General processing data	008		40	Fixed-Length Data Elements	Transfer data to MARC 21 008 according to specs. below. [If no field 100 is present, reject record (MSG 04)]
100	00-07	8	DATE ENTERED ON FILE (YYYYMMDD pattern)	008	00-05	6	DATE ENTERED ON FILE (YYMMDD pattern)	TRANSFER 100/02-07 to 008/00-05; do not convert 100/00-01
100	08	1	TYPE OF PUBLICATION DATE a Currently pub. serial b Serial no longer pub. c Serial/unknown status d Monograph complete when issued/issued in one calendar year e Reproduction of a document f Monograph: uncertain date g Monograph: issued in more than one year h Monograph: issue and copyright dates i Monograph: release/issue & production date j Detailed date (MDDD)   Fill character	008	06	1	TYPE OF PUBLICATION DATE CODE/PUBLICATION STATUS c Currently pub. serial d Dead serial u Serial/unknown status s Single known date  r Reprint/reissue and original q Questionable date  m Multiple dates: begin and ending t Monograph: actual and copyright date p Date of release/issue a production/recording e Detailed date   Fill character	TRANSFER 100/08 to 008/06  CHANGE a to c CHANGE b to d CHANGE c to u CHANGE d to s  CHANGE e to r CHANGE f to q  CHANGE g to m CHANGE h to t CHANGE i to p CHANGE j to e Keep (D)
100	09-12	4	DATE 1 Processing note for 100/09-12: Transfer UNIMARC values to 008/07-10 If not SERIALS: If one, two, or three of the characters in the data = "#", change them to 0 (zero) If all four positions contain "#", keep "#" If SERIALS: Change any "#" to "u"	008	07-10	4	PUBLICATION DATE 1	TRANSFER 100/09-12 to 008/07-10; see note below

100	13-16	4	DATE 2	008	11-14	4	PUBLICATION DATE 2	TRANSFER 100/13-16 to 008/11-14; see note below
<p>Processing note for 100/13-16: Transfer UNIMARC values to 008/11-14 If not SERIALS:   If one, two, or three of the characters in the data = "#", change them to 0   (zero)   If all four positions contain "#", keep blank If SERIALS:   Change any "#" to "u"</p>								

100	17-19	3	TARGET AUDIENCE CODE	008	22		INTELLECTUAL LEVEL	TRANSFER 100/17-19 to 008/22 if 008 type = BK, CF, MU, VM; else do not convert
<p>b Preprimary (0-5) c Primary (5-10) a Juvenile, general d Children (9-14) e Young adult (14-20) k Adult, serious m Adult, general u Unknown   Fill character  -----</p>								
<p>a Preschool b Primary j Juvenile c Elementary/junior high d Secondary e Adult g General # Unknown or n/a   Fill character f Specialized</p>								
<p>CHANGE b to a CHANGE c to b CHANGE a to j CHANGE d to c CHANGE e to d CHANGE k to e CHANGE m to g CHANGE u to # Keep [Default = #]</p>								

100	20	1	GOVERNMENT PUBLICATION CODE	008	28	1	GOVERNMENT PUBLICATION CO	TRANSFER 100/20 to 008/28 if 008 type = BK, CF, MP, SE, VM
<p>a Federal/national b State/province c County/department d Local e Multilocal f Intergovernmental g Gov't in exile/clandest. h Level not determined u* Unknown (if gov't pub) y Not a gov't publication z* Other   Fill character</p>								
<p>f Federal/national s State/province  ----- l Local jurisdiction c Multilocal i International  ----- o Gov't-level undetermin u Unknown # Not a gov't publicatin z Other gov't level   Fill character</p>								
<p>CHANGE a to f CHANGE b to s CHANGE c to l CHANGE d to l CHANGE e to c CHANGE f to i CHANGE g to z CHANGE h to o Keep CHANGE y to # (D) Keep Keep</p>								

100	21	1	MODIFIED RECORD CODE 0 Unmodified 1 Modified ----- ----- ----- -----	008	38	1	MODIFIED RECORD # Not modified o Completely romanized/ manual rcd. also roman d Dashed on record r Completely roanized/ manual rcd. not roman. s Shortened record x Characters romanized	TRANSFER 100/21 to 008/38 SET 008/38 to # [Value may be further changed by processing of UNIMARC 100/25]
100	22-24	3	LANGUAGE OF CATALOGING MARC Language Code	040		b	Cataloging Source Language of cataloging	TRANSFER 100/22-24 to MARC 21 040 \$b; NOTE: MARC 21 field 040 created as part of field 801 processing.
100	25	1	TRANSLITERATION CODE a ISO transliteration b Other c Multiple transliteration y No transliteration	008	38	1	MODIFIED RECORD	If 100/25 = a, b, or c, change 008/38 to code o; else do not convert
100	26-29	4	CHARACTER SET 01 ISO 646 (IRV version) 02 GOST 13052-67 03 ISO extended Latin 04 ISO extended Cyrillic 05 ISO Greek	---			-----	See note following 100/30-33
100	30-33	4	ADDITIONAL CHARACTER SET 00 More than two char. sets [00 = error see App.] ## No additional char. set 01 ISO 646 (IRV version) 02 GOST 13052-67 03 ISO extended Latin 04 ISO extended Cyrillic 05 ISO Greek  Processing note for UNIMARC 100/ 26-29 and 100/30-33: If 100/26-29= "0103" and 100/30-33 = either "####" or "05##", or all fill, or "05" fill, fill, convert record; else REJECT RECORD [Msg 02]	---			-----	See note on next page

100	34	1	ALPHABET OF TITLE	008	33	1	ORIGINAL ALPHABET OF TITLE	If SERIALS: TRANSFER 100/34 to 008/33; else do not convert
			a Roman (basic)				a Roman (basic)	Keep
			b Roman (extended)				b Roman (extended)	Keep
			c Cyrillic				c Cyrillic	Keep
			d Japanese				d Japanese	Keep
			e Chinese				e Chinese	Keep
			f Arabic				f Arabic	Keep
			g Greek				g Greek	Keep
			h Hebrew				h Hebrew	Keep
			-----				u Unknown	
			z Other				z Other	Keep
			# No alphabet given				# No alphabet given	Keep (D)

101	NR		LANGUAGE OF THE ITEM	041	NR		LANGUAGE CODE	See note below
		0	Item in original lang.	008/35-37		0	Item not a translation	Keep; see note below
		1	Item is a translation			1	Item is a translation	Keep; see note below
		2	Item contains transl.			-	-----	See note below
		#	Blank			#	Blank	Keep
	R		a Language of text		R		a Language of text, sound track/separate title	Keep;
	R		b Language/intermediate text		R		h Language/original or intermediate trans.	
	R		c Language/original work		R		h Language/original or intermediate trans.	
	R		d Language of summary		R		b Language of summary	CHANGE \$d to \$b;
	R		e Language/contents page		R		f Language/table of contents	CHANGE \$e to \$f;
	R		f Language/title page				-----	DO NOT CONVERT \$f
	NR		g Language/title proper				-----	DO NOT CONVERT \$g
	R		j Language of subtitles		R		b Language/overprinted title or subtitle	CHANGE \$j to \$b;
			h Language of librettos		R		e Language of librettos	CHANGE \$h to \$e
			i Language of acc. mat.		R		g Lang/accompany. mat.	CHANGE \$i to \$g

Processing note for UNIMARC 101:  
If record lacks UNIMARC 101, generate MARC 21 008/35-37 with "|||" (fill, fill fill).  
In all cases, transfer the first 3 characters of the first UNIMARC \$a to 008/35-37.  
If subfield \$a contains only 2 characters, transfer them to 008/35-36 and generate # in 008/37. Remove any spaces in UNIMARC 101 data prior creating output. Then, If UNIMARC 101 has only one \$a, do not create MARC 21 041; else transfer 101 to 041 as follows:  
Keep 1st indicator values 0 or 1 as such and  
CHANGE 2 to 1. (Default = 0). Set 2nd indicator = #.  
Subfield a: Transfer content of up to six (do not convert more than six) UNIMARC \$a subfields to MARC 21 \$a.  
Subfield \$c: Transfer content of UNIMARC \$c to MARC 21 \$h  
Subfield \$b: Transfer content of all UNIMARC\$b subfields to \$h, immediately following any data already placed there by subfield \$c conversion, if any.  
Remove any "\$b".

102	NR			COUNTRY OF PUBLICATION OR PRODUCTION	044 NR 008/15-17			COUNTRY CODE	See note below
		#	#	Blank				Blank	Keep
	R			Blank				Blank	Keep
	R			a Country of publication	NR			a Country of producer	Keep
				b Locality of publication					DO NOT CONVERT \$b

Processing note for UNIMARC 102:  
 Transfer the first \$a to 008/15-17. See Table 1 for code conversion. If there is more than one \$a in 102, also transfer 102 to 044 as shown above, translating codes as given in Table 1.  
 There is no default code for USMARC 008/15-17.

105	NR			CODED DATA FIELD: BOOKS					
##		13							
	NR	\$a		Book coded data					

105	00-03	4		ILLUSTRATION CODE	008	18-21	4	ILLUSTRATION CODES	TRANSFER 105##\$a /00-03 to 008/18-21
				a Illustrations				a Illustrations	Keep
				b Maps				b Maps	Keep
				c Portraits				c Portraits	Keep
				d Charts				d Charts	Keep
				e Plans				e Plans	Keep
				f Plates				f Plates	Keep
				g Music				g Music	Keep
				h Facsimiles				h Facsimiles	Keep
				i Coats of arms				i Coats of arms	Keep
				j Genealogical tables				j Genealogical tables	Keep
				k Forms				k Forms	Keep
				l Samples				l Samples	Keep
				m Sound recordings				m Sound recordings	Keep
				n Transparencies				a Illustrations	CHANGE n to a
				o* Photographs				o Photographs	Keep
				p* Illuminations				p Illuminations	Keep
				y No illustrations				# No illustrations	CHANGE y to #
				# cp not used				# No illustrations	Keep (D)
				Fill character				Fill character	Keep

Processing note for UNIMARC 105/00-03:  
 Left justify non-# values  
 If all positions 008/18-21 are "#", keep as such.

105	04-07	4	FORM OF CONTENTS CODES	008	24-27	4	NATURE OF CONTENTS CODE	TRANSFER 105##\$a /04-07 to 008/24-27
			# No specified contents				# No specified contes	Keep (D)
			a Bibliographies				b Bibliographies	CHANGE a to b
			b Catalogs				c Catalogs	CHANGE b to c
			c Indexes				i Indexes	CHANGE c to i
			d Abstracts				a Abstracts	CHANGE d to a
			e Dictionaries				d Dictionaries	CHANGE e to d
			f Encyclopedias				e Encyclopedias	CHANGE f to e
			g Directories				r Directories	CHANGE g to r
			h* Yearbooks				y Yearbooks	CHANGE h to y
			i Statistics				s Statistics	CHANGE i to s
			j Programmed texts				p Programmed texts	CHANGE j to p
			k Patents				#	CHANGE k to #
			l Standards				#	CHANGE l to #
			m Dissertations/theses				#	CHANGE m to #
			n Laws and legislation				l Legislatin	CHANGE n to l
			o Numeric tables				#	CHANGE o to #
			p Technical reports				t Technical reports	CHANGE p to t
			q Examination papers				#	CHANGE q to #
			r* Literature surveys				n Literature surveys	CHANGE r to n
			z* Other				#	CHANGE z to #
			Fill character				Fill character	Keep
			-----				f Handbooks	
			-----				g Legal articles	
			-----				v Legal cases, case ntes	
			-----				w Law reports/digests	
Processing note for UNIMARC 105/04-07: Left justify non-# values If all positions 008/24-27 are "#", keep as such.								

105	08	1	CONFERENCE/MEETING CODE	008	29	1	CONFERENCE INDICATOR	TRANSFER 105##\$a/08 to 008/29
			0 Not a conference pub.				0 Not a conference pub.	Keep (D)
			1 Conference publication				1 Conference publication	Keep
			Fill character				Fill character	Keep

105	09	1	FESTSCHRIFT INDICATOR	008	30	1	FESTSCHRIFT INDICATOR	TRANSFER 105##\$a/09 to 008/30
			0 Not a festschrift				0 Not a festschrift	Keep (D)
			1 Festschrift				1 Festschrfit	Keep
			Fill character				Fill character	Keep

105	10	1	INDEX INDICATOR	008	31	1	INDEX INDICATOR	TRANSFER 105##\$a/10 to 008/31
			0 No Index				0 No index	Keep (D)
			1 Index present				1 Index	Keep
			Fill character				Fill character	Keep

105	11	1	LITERATURE CODE a Fiction b Drama c Essays d Humour, satire e Letters f Short stories g Poetry h Speeches, oratory y Not literary text z Other/multiple forms   Fill character  -----	008	33	1	FICTION INDICATOR 1 Fiction  1 Fiction    Fill character 0 Not fiction	TRANSFER 105/11 to 008/33 CHANGE a to 1 CHANGE any code other than "a" or "f" or "fill" to 0 (D) CHANGE f to 1  Keep
105	12	1	BIOGRAPHY CODE a Autobiography b Individual biography c Collective biography d Contains biog. info. y Not biographical   Fill character	008	34	1	BIOGRAPHY CODE a Autobiography b Individual biograph c Collective biograph d Contains biog. info # No biog. information   Fill character	TRANSFER 105##\$a/12 to 008/34 Keep Keep Keep Keep CHANGE y to # (D) Keep
106 ##	NR	1 \$a	CODED DATA FIELD: BOOKS/ PHYSICAL ATTRIBUTES  Physical attributes					
106	00	1	FORM OF REPRODUCTION CODE a Microfilm b Microfiche c Microopaque d Large print f Braille g Punched paper tape h Magnetic tape i Multimedia r* Regular print y* Not a reproduction z Other reproduction form   Fill character	008	23	1	FORM OF REPRODUCTION CDE a Microfilm b Microfiche c Microopaque d Large print f Braille g Punched paper tape h Magnetic tape i Multimedia r Regular print # Not a reproduction z Other   Fill character	TRANSFER 106##\$a/00 to 008/23 Keep Keep Keep Keep Keep Keep Keep Keep Keep CHANGE y to # (D) Keep Keep
Processing note for UNIMARC 106: If record lacks UNIMARC 106 and UNIMARC label/06="a", "c", "d", "h", "i", or "j", generate MARC 21 008/23 with value " " (fill).								
110 ##	NR	11 \$a	CODED DATA FIELD: SERIALS  Serial coded data					



110	00	1	TYPE OF SERIAL	008	21	1	TYPE OF SERIAL	TRANSFER 110##\$a/00 to 008/21
			a Periodical				p Periodical	CHANGE a to p
			b Monographic series				m Monographic series	CHANGE b to m
			c Newspaper				n Newspaper	CHANGE c to n
			z Other, none of these				# None of the following	CHANGE z to # (D)
			Fill character				Fill character	Keep
110	01	1	FREQUENCY OF ISSUE	008	18	1	FREQUENCY	TRANSFER 110##\$a/01 to 008/18
			a Daily				d Daily	CHANGE a to d
			b Semiweekly				c Semiweekly	CHANGE b to c
			c Weekly				w Weekly	CHANGE c to w
			d Biweekly				e Biweekly	CHANGE d to e
			e Semimonthly				s Semimonthly	CHANGE e to s
			f Monthly				m Monthly	CHANGE f to m
			g Bimonthly				b Bimonthly	CHANGE g to b
			h Quarterly				q Quarterly	CHANGE h to q
			i Three times a year				t Three times a year	CHANGE i to t
			j Semiannual				f Semiannual	CHANGE j to f
			k Annual				a Annual	CHANGE k to a
			l Biennial				g Biennial	CHANGE l to g
			m Triennial				h Triennial	CHANGE m to h
			n* Three times a week				i Three times a week	CHANGE n to i
			o* Three times a month				j Three times a month	CHANGE o to j
			u Unknown				u Unknown	Keep
			y* No determinable freq.				# No determinable frq.	CHANGE y to # (D)
			z Other				z Other	Keep
			Fill character				Fill character	Keep
			-----				n n/a (not a serial)	
110	02	1	REGULARITY	008	19	1	REGULARITY	TRANSFER 110##\$a/02 to 008/19
			a Regular				r Regular	CHANGE a to r
			b Normalized irregular				n Normalized irregular	CHANGE b to n
			u Not known				u Unknown	Keep (D)
			y Not regular				x Completely irregular	CHANGE y to x
			Fill character				Fill character	Keep
							# n/a (not a serial)	

110	03	1	TYPE OF MATERIAL CODE	008	24	1	NATURE OF ENTIRE WORK	TRANSFER 110##\$a/03 to 008/24
			a Bibliographies				b Bibliographies	CHANGE a to b
			b Catalogs				c Catalogs	CHANGE b to c
			c Indexes				i Indexes	CHANGE c to i
			d Abstracts				a Abstracts	CHANGE d to a
			e* Dictionaries				d Dictionaries	CHANGE e to d
			f* Encyclopedias				e Encyclopedias	CHANGE f to e
			g Directories				r Directories	CHANGE g to r
			h Yearbooks				y Yearbooks	CHANGE h to y
			i Statistics				s Statistics	CHANGE i to s
			j* Programmed texts				p Programmed texts	CHANGE j to p
			k Book reviews				o Book reviews	CHANGE k to o
			l Legislation				l Legislation	Keep
			m Law reports & digests				w Law reports & digests	CHANGE m to w
			n Legal articles				g Legal articles	CHANGE n to g
			o Legal cases				v Legal cases/case notes	CHANGE o to v
			p Biography				h Biography	CHANGE p to h
			r* Literature surveys				n Literature surveys	CHANGE r to n
			z Other, none of these				# No specified nature	CHANGE z to # (D)
			Fill character				Fill character	Keep

110	04-06	3	NATURE OF CONTENTS CODE	008	25-27	3	NATURE OF CONTENTS	TRANSFER 110##\$a/04-06 to 008/25-27
			(Codes are the same as for cp 03)				(Codes are the same as for 008/24)	Make same code changes as given in cp 03 except change z to #
			# Blank				-----	Keep (D)
			Fill character				Fill character	Keep
Processing note for UNIMARC 110/04-06: Left justify all non-#; if "###", chnge "#" to "#".								

110	07	1	CONFERENCE INDICATOR	008	29	1	CONFERENCE INDICATOR	TRANSFER 110##\$a/07 to 008/29
			0 Not a conference pub.				0 Not a conference pub.	Keep (D)
			1 Conference publication				1 Conference publication	Keep
			Fill character				Fill character	Keep

110	08	1	TITLE PAGE AVAILABILITY	008	30	1	TITLE PAGE AVAILABILITY # Unused	Set MARC21 008/30 = #
			a In last issue-loose b In last issue-attached c First issue-next vol./ loose d First issue-next vol./ attached e Published separately/ free/upon request f Published separately/ free/automat. sent g Published separately/ purchase/request u Unknown x Not applicable y No title page issued z* Other   Fill character					

110	09	1	INDEX AVAILABILITY CODE	008	31	1	INDEX AVAILABILITY CODE # Unused	Set MARC21 008/31 = #
			a Each issue-loose b Last issue-loose/ separately paged c Last issue-loose/ unpaged d Last issue-attached e First issue next vol./ loose/separately paged f First issue next vol./ loose/unpaged g First issue next vol./ attached h Separate/free/automat. i Separate/free/request j Separate/bound/free automatic k Separate/bound/free/ upon request l Rec'd separately bound m Suppl/subseries indexed in parent u Unknown y Not available z* Other   Fill character					

110	10	1	CUMULATIVE INDEX AVAILA- BILITY	008	32	1	CUMULATIVE INDEX AVAILABILITY # Unused	Set MARC21 008/32 = #
			0 No cum. index/contents 1 Cum. index/ contents u* Unknown   Fill character					

115 ##	R  NR	16* \$a	CODED DATA FIELD: PROJECTED AND VIDEO General	If MARC21 Leader/06 = g, k, o, see Procedure 10 for general construction of 007 field using byte specifications shown below. (Note that some bytes in UNIMARC 115 are used for constructing some bytes in the MARC 21 008.		
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115	00	1	TYPE OF MATERIAL						
			a Motion picture	007	00	1	m Motion picture	CHANGE a to m; TRANSFER to 007/00	
			b Graphic projected*	007	00	1	g Graphic projected	CHANGE b to g;	
					01	1	o Filmstrip roll	TRANSFER to 007/00; & SET 007/01 to o	
			c Videorecording*	007	00	1	v Videorecording	CHANGE c to v;	
					01		r Videoreel	TRANSFER to 007/00; & SET 007/01 to r	
			d Slide or slide set	007	00	1	g Graphic projected	CHANGE d to g;	
				g	01		s Slide	TRANSFER to 007/00; & SET 007/01 to s	
			e Transparency	007	00		g Graphic projected	CHANGE e to g;	
				g	01		t Transparency	TRANSFER to 007/00; & SET 007/01 to t	
			f Electronic video- recording	007	00		v Videorecording	CHANGE f to v;	
				v	01		d Videodisc	TRANSFER to 007/00; & SET 007/01 to d	
			z Other				-----	DO NOT CREATE 007(D)	
			Fill character					DO NOT CREATE 007	
NOTE: 007/01 may be reset by processing of 115/08 or 115/15.									

115	01-03	3	LENGTH	008	18-20	3	LENGTH	TRANSFER 115##\$a /01-03 to 008/18-20	
			Three digits				Three digits	Keep	
			### Unknown				--- Unknown	CHANGE ### to ---	
			000 More than three digits				000 More than three digits	Keep	
			Fill character				Fill character	Keep	

115	04	1	COLOR INDICATOR	007	03	1	COLOR	TRANSFER 115##\$a/04 to 007/03	
			a Black and white				b Black and white	CHANGE a to b	
			b Color				c Color	CHANGE b to c	
			c Combination				m Mixed	CHANGE c to m	
			u* Unknown				u Unknown	Keep (D)	
			z Other				z Other	Keep	
			Fill character				Fill character	Keep	

115	05	1	SOUND INDICATOR	007	05	1	SOUND ON MEDIUM/SEPARATE	TRANSFER 115##\$a/05 to 007/05	
			a Sound on medium*	gmv			a Sound on medium*	Keep	
			b Sound separate				b Sound separate	Keep	
			u* Unknown				u Unknown	Keep (D)	
			y No sound				# No sound	CHANGE y to #	
			Fill character				Fill character	Keep	

115	06	1	MEDIA FOR SOUND	007	06	1	MEDIUM FOR SOUND	TRANSFER 115##\$a /06 to 007/06
			a Optical film				a Optical sound (film)	Keep
			b Magnetic film				b Magnetic sound (film)	Keep
			c Cartridge				c Magnetic tape (cart.)	Keep
			d Disc				d Sound disc	Keep
			e Magnetic tape				e Magnetic tape (reel)	Keep
			f Cassette				f Magnetic tape (cass.)	Keep
			h* Videotape				h Videotape	Keep
			i* Videodisc				i Videodisc	Keep
			u Unknown				u Unknown	Keep (D)
			x No sound				# No sound	CHANGE x to #
			z Other medium				z Other	Keep
			Fill character				Fill character	Keep
115	07	1	WIDTH/DIMENSIONS	007	07	1	WIDTH/DIMENSIONS	TRANSFER 115##\$a/07 to 007/07
			a 8 mm.				a Standard 8 mm.	Keep
			b Super 8 mm.				b Super 8 mm/single 8 mm	Keep
			c 9.5 mm				c 9.5 mm	Keep
			d 16 mm				d 16 mm	Keep
			e 28 mm				e 28 mm	Keep
			f 35 mm				f 35 mm	Keep
			g 70 mm				g 70 mm	Keep
			j 2x2 in. (5x5 cm)				j 2x2 in. (5x5 cm)	Keep
			k 2 1/4x2 1/4 in.				k 2 1/4x2 1/4	Keep
			m* 3/4 inches				r 3/4 inches	CHANGE m to r
			n 1/4 inch (1/2 cm)				m 1/4 inch	CHANGE n to m
			o 1/2 inch (1 1/3 cm)				o 1/2 inch	Keep
			p 1 inch (2 1/2 cm)				p 1 inch	Keep
			q 2 inches (5 cm.)				q 2 inches	Keep
			r* 8x10 in. (21x26 cm)				v 8x10 in (21x26 cm)	CHANGE r to v
			s 4x5 in. (10x12 1/2)				s 4x5 in(10 13)	Keep
			t 5x7 in. (12 1/2x17 1/2)				t 5x7" (13 x 18 cm)	Keep
			u 7x7 in (17 1/2x17 1/2)				y 7x7 in. (18x18 cm)	CHANGE u to y
			v 8x8 in (20x20 cm)				-----	CHANGE v to z
			w 9x9 in. (23x23 cm)				w 9x9 (22 1/2x22 1/2 cm)	Keep
			x 10x10 in (25x25 cm)				x 10x10 in. (26x26 cm)	Keep
			z* None of these				z Other	Keep (D)
			Fill character				Fill character	Keep

115	08	1	FORM OF RELEASE [PROJECTED GRAPHIC; MOTION PICTURE]	007	01	1	Specific mat. desig.	TRANSFER 115##\$a/08 to 007/01
			a Film reel*	007	01	1	r Film reel	CHANGE a to r
			b Film cartridge*	007	01	1	c Film cartridge	CHANGE b to c
			c* Film cassette	007	01	1	f Film cassette	CHANGE c to f
			g* Filmstrip cartridge	007	01	1	c Filmstrip cartridge	CHANGE g to c
			h* Filmstrip	007	01	1	d Filmstrip	CHANGE h to d
			i* Other filmstrip type	007	01	1	f Other filmstrip type	CHANGE i to f
			j* Filmstrip roll	007	01	1	o Filmstrip roll	CHANGE j to o
			k* Slide/slide set	007	01	1	s Slide	CHANGE k to s
			l* Transparency/set	007	01	1	t Transparency	CHANGE l to t
			x Not motion picture or graphic projected*					See note below
			z Other motion picture or graphic proj. form	007	01	1	z Other	See note below
			Fill character				Fill character	See note below
<p>Processing note for UNIMARC 115/08:          If 115/08 contains "x", "z" or "fill char.", and if 007/01 has already been set, do not convert; else make 007/01 = fill character. (D)</p>								

115	09	1	TECHNIQUE	008	34	1	TECHNIQUE CODE	TRANSFER 115##\$a/09 to 008/34
			a Animation				a Animation	Keep
			b Liveaction				l Liveaction	CHANGE b to l (el)
			c Animation/liveaction				c Animation/liveaction	Keep
			u Unspecified, unknown				u Unknown	Keep
			x Not motion picture or videorecording				n Not applicable	CHANGE x to n
			z Other				z Other	Keep (D)
			Fill character				Fill character	Keep

115	10	1	PRESENTATION FORMAT	007	04	1	PRESENTATION FORMAT	TRANSFER 115##\$a/10 to 007/04
			a Standard sound apert.*				a Standard sound apert.*	Keep
			-----				b Flat (nonanamorphic)	
			b Wide screen				e Other wide screen	CHANGE b to e
			c 3D				c 3D	Keep
			d Anamorphic				d Anamorphic	Keep
			e* Standard silent apert.				f Standard silent apert.	CHANGE e to f
			u* Unknown				u Unknown	Keep
			x Not a motion picture				-----	CHANGE x to fill ( )
			z Other				z Other	Keep (D)
			Fill character				Fill character	Keep

115	11-14	4	ACCOMPANYING MATERIAL a Stills b Script material c Posters d Pressbooks e* Lobby cards f* Instructional material g* Scores z Other # [Nothing]   Fill character	008	23-27	5	ACCOMPANYING MATERIAL l Stills m Script material o Posters p Pressbooks q Lobby cards r Instructional material s Scores z Other # cp not used   Fill character	TRANSFER 115##\$a /11-14 to 008/23-27 GENERATE # in 008/27 CHANGE a to l CHANGE b to m CHANGE c to o CHANGE d to p CHANGE e to q CHANGE f to r CHANGE g to s Keep Keep (D) see note Keep	
Processing note for UNIMARC 115/11-14: Left justify all non-# values. If 008/23-26 = "####" change all to "#"									
115	*15	1	FORM OF RELEASE (VIDEO)* a* Videocartridge b* Videodisc c* Videocassette d* Videoreel z* Other x* Not a videorecording   Fill character	007	01	1	Specific mat. desig. c Videocartridge d Videodisc f Videocassette r Videoreel z Other	TRANSFER 115##\$a/15 to 007/01 (007/00=v) CHANGE a to c CHANGE b to d CHANGE c to f CHANGE d to r See note below See note below See note below	
Processing note for UNIMARC 115/15: If 115/15 contains "x", "z" or "fill" and if 007/01 has already been set, do not convert; if it has not already been set, set 007/01 = fill (D)									
116 ##	R	18* NR \$a	CODED DATA FIELD: GRAPHICS General	DO NOT CONVERT. Mapping to MARC 21 field 007 for nonprojected graphic (007/00=k) not yet specified in this document.					
117 ##	R	9* NR \$a	CODED DATA FIELD: THREE- DIMENSIONAL ARTEFACTS AND REALIA General	DO NOT CONVERT. Mapping to MARC 21 field 007 for nonprojected graphic (007/00=k) not yet specified in this document.					
120 ##	NR	13 NR \$a	CODED DATA FIELD: CARTOGRAPHIC MATERIALS Cartographic material						Before converting 007 bytes specified below, see note under UNIMARC 124
120	00	1	COLOR INDICATOR a One color b Multicolor   Fill character	007	03	1	COLOR a One color c Multi-colored   Fill character	TRANSFER 120 \$a/00 to 007/03 Keep CHANGE b to c Keep (D)	

120	01	1	INDEX INDICATOR	008	31	1	INDEX INDICATOR	TRANSFER 120##\$a/01 to 008/31 CHANGE a to 1
			a Index/name list on cartographic item				1 Index present	CHANGE a to 1
			b Index/name list on accompanying material				1 Index present	CHANGE b to 1
			y No index/name list Fill character				0 No index Fill character	CHANGE y to 0 (D) Keep
120	02	1	NARRATIVE TEXT INDICATOR				----	DO NOT CONVERT 120/02
			a Text on cartographic item					
			b Text on accompanying material					
			y No narrative text					
120	03-06	4	RELIEF CODE	008	18-21	4	RELIEF CODES	TRANSFER 120##\$a /03-06 to 008/18-21 Keep (D)
			# Not applicable				# No relief on map	Keep (D)
			a Contours				a Contours	Keep
			b Continuous tone shaded				b Shading	Keep
			c Hypsometric tint/layer				c Gradient tints	Keep
			d Hachures				d Hachures	Keep
			e Bathymetry - soundings				e Bathymetry-soundings	Keep
			f Form lines				f Form lines	Keep
			g Spot heights				g Spot heights	Keep
			h Other methods in color				h Color	Keep
			i Pictorially				i Pictorially	Keep
			j Land forms				j Land forms	Keep
			k Bathymetry-isolines				k Bathymetry-isolines	Keep
			z Other				z Other	Keep
			Fill character fill)				Fill character	Keep



120	07-08	2	MAP PROJECTION	008	22-23	2	BASE MAP ELEMENTS/ MAP PROJECTIONS (codes are exact equivalents except where noted)	TRANSFER 120##\$a /07-08 to 008/22-23
			aa Aitoff ab Gnomonic ac Lambert's azimuthal equal area ad Orthographic ae Azimuthal equidistant af Stereographic au Azimuthal, specific type unknown az Azimuthal, other known specific type ba Gall bb Goode's homolographic bc Lambert's cylindrical equal area bd Mercator be Miller bf Mollweide bg Sinusoidal bh Transverse Mercator bi Gauss-Kruger bu Cylindrical, specific type unknown bz Cylindrical, other known specific type ca Alber's equal area cb Bonne cc Lambert's conformal conic cp* Polyconic cu Conic, specific type unknown cz Conic, other known type da Armadillo db Butterfly dc Eckert dd Goode's homolosine de Miller's bipolar oblique conformal conic df Van der Grinten dg Dimaxion dh Cordiform uu Type of projection unknown zz Other known type ## Not specified    2 Fill characters				----- zz Other projection ## Not specified    Fill character	CHANGE uu to ##  Keep Keep
Processing note for UNIMARC 120/07-08: Pass through any value except for the two that change. There is no default for this field.								

120	09-12	4	PRIME MERIDIAN	008	24	1	BASE MAP ELEMENTS/ PRIME MERIDIAN	TRANSFER 120##\$a /09-10 to 008/24; Do not convert UNIMARC cp 11-12; CHANGE codes except those indicated to z CHANGE aa to e
			aa Greenwich				e Greenwich	
			ab Amsterdam					
			ac Athens					
			ad Batavia					
			ae Berne					
			af Bogota					
			ag Bombay					
			ah Brussels					
			ai Cadiz					
			aj Capetown					
			ak Caracas					
			al Copenhagen					
			am Cordoba, Argentina					
			an Ferro, Canary Is.				f Ferro	CHANGE an to f
			ao Helsinki					
			ap Istanbul					
			aq Julianehaab					
			ar Lisbon					
			as London					
			at Madras					
			ba Madrid					
			bb Mexico City					
			bc Moscow					
			bd Munich					
			be Naples					
			bf Oslo					
			bg Paris				g Paris	CHANGE bg to g
			bh Peking					
			bi Philadelphia				p Philadelphia	CHANGE bi to p
			bj Pulkovo					
			bk Rio de Janeiro					
			bl Rome					
			bm Santiago					
			bn Stockholm					
			bo Sydney					
			bp Tirana					
			bq Tokyo					
			br Washington, D.C.				w Washington	CHANGE br to w
			uu Unknown				# Not specified	CHANGE uu to # (D)
			zz Other				z Other	CHANGE zz to z
			Fill character				Fill character	Keep

121+ ##	NR  NR	9 \$a	CARTOGRAPHIC MATERIALS: PHYSICAL ATTRIBUTES  Physical att./general					TRANSFER individual bytes as indicated in charts below. Also TRANSFER entire field 121 to 886 as given in Procedure 5. NOTE: Before converting 007 byte specified below, see note under UNIMARC 124.
121	00	1	PHYSICAL DIMENSION a Two-dimensional b Three-dimensional					DO NOT CONVERT 121/00
121	01-02	2	PRIMARY CARTOGRAPHIC IMAGE a Manually and plotted b Photographically c By computer d Active remote sensing e Passive remote sensing					DO NOT CONVERT 121/01-02
121	03-04	2	PHYSICAL MEDIUM aa Paper ab Wood ac Stone ad Metal ae Synthetics af Skins ag Textile ah Magnetic/computer ai Magnetic/not computer ap* Plaster au* Unknown az Other non-photograph. ba Flexible/positive bb Flexible/negative bc Non-flexible/positive bd Non-flexible/negative bz Other photographic   Fill character	007	04	1	PHYSICAL MEDIUM a Paper b Wood c Stone d Metal e Synthetics (plastics) f Skins g Textiles ----- p Plaster u Unknown z Other -----   Fill character	TRANSFER 121\$a /03-34 to 007/04. CHANGE aa to a CHANGE ab to b CHANGE ac to c CHANGE ad to d CHANGE ae to e CHANGE af to f CHANGE ag to g CHANGE ah to z CHANGE ai to z CHANGE ap to p CHANGE au to u CHANGE az to z (D) CHANGE ba to z CHANGE bb to z CHANGE bc to z CHANGE bd to z CHANGE bz to z Keep

121	05	1	CREATION TECHNIQUE ----- a Manuscript b Printing c Photocopying d Microphotography u* Unknown y Not final product z Other   Fill character	007	06	1	PRODUCTION/REPRODUCTION DETAILS ----- a Photocopy, blue print ----- b Photocopy d Film u Unknown ----- z Other   Fill character	TRANSFER 121##\$a/05 to 007/06 if 007/00 contains a; else do not convert 121/05  CHANGE a to z CHANGE b to z CHANGE c to b Keep Keep (D) CHANGE y to # Keep Keep
121	06	1	FORM OF REPRODUCTION a By hand b Printed c Photography d Transfer line print y Not a reproduction				-----	DO NOT CONVERT 121/06
121	07	1	GEODETTIC ADJUSTMENT a No adjustment b Adjusted/no grid c Adjusted/with grid x Not applicable				-----	DO NOT CONVERT 121/07
121	08	1	PHYSICAL FORM OF PUBLICATION a Single b In parts c Atlas d Separate supplement e Bound with book, etc. z Other   Fill character ----- -----	008	25	1	RECORD GROUP a Single map b Map series -----   Fill character c Map serial d Globe	TRANSFER 121\$a /08 to 008/25 See note below Keep Keep  Keep
<p>Processing note for UNIMARC 121/08:  If 121\$a/08 = "a", set MARC21 008/25 to "a"  If 121\$a/08 = "b", set MARC21 008/25 to "b"; else  If LDR/07 = "s", set MARC21 008/25 to "c"  else if 124 \$b = "c", set 008/25 to "d"; else set to fill character (D)</p>								
121	NR	8 \$b	Aerial photography					DO NOT CONVERT 121#b

121	00	1	ALTITUDE OF SENSOR a Terrestrial b Aerial c Space						
121	01	1	ATTITUDE OF SENSOR a Low oblique b High oblique c Vertical						
121	02-03	2	SPECTRAL BANDS 01-99 No. of bands xx Not applicable						
121	04	1	QUALITY OF IMAGE a Poor b Fair c Good d Very good						
121	05	1	CLOUD COVER 1 1/8 cover 2 2/8 cover 3 3/8 cover 4 4/8 cover 5 5/8 cover 6 6/8 cover 7 7/8 cover 8 Completely covered						
121	06	1	MEAN VALUE OF GROUND RESOLUTION/NUMERIC - Less than 1 cm. 1-9 Numeric value + Greater than 9 km. x Not applicable						
121	07	1	MEAN VALUE OF GROUND RESOLUTION/METRIC CODE c Centimeters d Decameters f Hectameters i Decimeters k Kilometers m Meters x Not applicable						

122	R			SITUATION DATE (CARTO- GRAPHIC MATERIALS)	045	NR			CHRONOLOGICAL COVERAGE CODE	CHANGE 122 to 045 \$b; CHANGE repeating 122 field to repeated \$b and set 1st ind. to 1
		1		Known/probable date		0			Single date/time	If single 122, CHANGE 1 to 0 (D)
		2		----- Range of dates -----		1 2 #			Multiple single date Range of dates No dates/time recorded	See note above If single 122, keep
			#	Blank			#		Blank	Keep
	R		a	Situation date [EYYYYMMDDHH]	R			b	Chronological date/time	CHANGE \$a to \$b

123	R			SCALE AND COORDINATES (CARTOGRAPHIC MAT.)	034	R			SCALE AND COORDINATES	CHANGE 123 to 034
		0		Scale indeterminable		0			Scale indeterminable	Keep (D)
		1		Single scale		1			Single scale	Keep
		2		Multiple scale		-2			Multiple scales	CHANGE 2 to 1
		3		Range of scales		3			Range of scales	Keep
			#	Blank			#		Blank	Keep
	NR		a	Type of scale a Linear b Angular z Other type scale		NR		a	Type of scale date/time a Linear b Angular z Other type	Keep Keep Keep Keep (D)
	R		b	Constant ratio linear horizontal scale		R		b	Constant ratio linear horizontal scale	Keep
	R		c	Constant ratio linear vertical scale		R		c	Constant ratio linear vertical scale	Keep
	NR		d	Coordinates/westernmost longitude		NR		d	Coordinates/westernmost longitude	Keep
	NR		e	Coordinates/easternmost longitude		NR		e	Coordinates/easternmost longitude	Keep
	NR		f	Coordinates/northernmost latitude		NR		f	Coordinates/northern- most latitude	Keep
	NR		g	Coordinates/southernmost latitude		NR		g	Coordinates/southern- most latitude	Keep
	R		h	Angular scale		R		h	Angular scale	Keep
	NR		i	Declination/northern limit		NR		j	Declination/northern limit	CHANGE \$i to \$j
	NR		j	Declination/southern limit		NR		k	Declination/southern limit	CHANGE \$j to \$k
	NR		k	Right ascension/eastern limit		NR		m	Right ascension/eastern limit	CHANGE \$k to \$m
	NR		m	Right ascension/western limit		NR		n	Right ascension/western limit	CHANGE \$m to \$n
	NR		n	Equinox		NR		p	Equinox	CHANGE \$n to \$p

NOTE: Multiple scales will be mislabeled as single scale.

124+ ##	R		CARTOGRAPHIC MATERIALS: SMD ANALYSIS					TRANSFER 124 \$b as specified below. Also TRANSFER entire field 124 to 886 as given in Procedure 5
124	NR	\$a	CHARACTER OF IMAGE a Non-photographic b Photographic c remote sensing					DO NOT CONVERT 124\$a
124	R	\$b	FORM OF CARTOGRAPHIC ITEM a Atlas b Diagram c Globe d Map e Model f Profile g Remote sensing image h Section i View z* Other [map or globe]	007	01	1	SPECIFIC MATERIAL DES. ----- g Diagram ----- j Map q Model k Profile r Remote sensing image s Section y View z Other map type	See note below for \$b. TRANSFER first 124 \$b to 007/01. Also GENERATE 007/01 as follows: DO NOT CONVERT \$b 01 00 CHNG b to g a CHNG c to   d (and SEE NOTE BELOW) CHNG d to j a CHNG e to q a CHNG f to k a CHNG g to r a CHNG h to s a CHNG i to y a Keep (D) a (D)
<p>Processing note for UNIMARC 124 \$b: If MARC21 Leader/06 = "e" or "f", see Procedure 13 for general construction of 007 using byte specification given in chart above and in fields 120 and 121. (NOTE: some bytes in 120, 121 and 124 are used for constructing other MARC21 fields.)</p> <p>When 007/00 = d, also set 008/25 to d (Compare 121/\$a/08)</p>								

124	R	\$c	PRESENTATION TECHNIQUE				-----	DO NOT CONVERT 124 \$c
			aa Anaglyphic					
			ab Polarized					
			ac Planimetric					
			ad Diagram map					
			ae Flowline map					
			af Dot map					
			ag Diagrammatic map					
			ah Choropleth					
			ai Chorochromatic					
			aj Dasymetric					
			ak Gridmap					
			al Isopleth					
			am Anamorphic					
			an Pictorial map					
			ao Spatial on 2-dimensions					
			ap Mental/cognitive map					
			aq Views/horizon showing					
			ar Views/no horizon					
			as Map view					
			da Picto map					
			db Random dot map					
			dc Screened					
			dd Not screened					
124	R	\$d	POSITION OF PLATFORM				-----	DO NOT CONVERT 124 \$d
			a Terrestrial					
			b Aerial					
			c Space					
124	R	\$e	CATEGORY OF SATELLITE				-----	DO NOT CONVERT 124 \$e
			a Meteorological					
			b Earth resourcesrint					
			c Space observing					
124	R	\$f	NAME OF SATELLITE				-----	DO NOT CONVERT 124 \$f
			aa Tiros					
			ab ATS					
			ac NOAA					
			ad Nimbus					
			ae METEOSAT					
			ma Explorer I					
			mb Explorer II					
			ga ERTS					
			gb Landsat I					
			gc Landsat II					
			gd Landsat III					
			ge Seasat					
			gf Skylab					
			gg Space lab					



124	R	\$g	RECORDING TECHNIQUE REMOTE SENSING IMAGE				-----	DO NOT CONVERT 124 \$g
			aa Videorecording ab False color photo. ac Multispectral photo. ad Multispectral scan av Combination of above da Infrared line scanning dv Combination/thermal ga SLAR gb Synthetic Aperture gc Passive microwave map					
125+ ##	NR		CODED DATA: SOUND RECORD- INGS AND MUSIC SCORES					
	NR	2 \$a	Music score coded data					
125	00	1	TYPE OF SCORE	008	20	1	FORMAT OF MUSIC MSS./ PRINTED MUSIC	TRANSFER 125##\$a/00 to 008/20
			a Full score b Full score, miniature c Piano-vocal score d Voice score e Condensed score or piano-conductor score g* Close score m* Multiple formats x* Not applicable u* Unknown z Other score format   Fill character				a Full score b Full score, miniature or study size c Accompaniment reduced for keyboard d Voice score e Condensed score or piano-conductor score g Close score m Multiple formats n Not applicable u Unknown z Other   Fill character	Keep Keep Keep Keep Keep Keep Keep CHANGE x to n Keep Keep (D) Keep
			Processing note for 125 \$a/00: If no UNIMARC 125 \$a/00 is present and UNIMARC Label/06 = "c", "d", "i", or "j", generate MARC21 008/20 with value " " (fill).					
125	01	1	PARTS INDICATOR	008	21	1	EXISTENCE OF PARTS	TRANSFER 125##\$a /01 to 008/21
			a Parts exist u Unknown x* Not applicable y* Parts not present   Fill character				a Parts exists u Unknown n Not applicable # No parts exist   Fill character	Keep Keep CHANGE x to n CHANGE y to # Keep (D)
			Processing note for 125 \$a/01: If no UNIMARC 125 \$a/01 is present and UNIMARC Label/06 = "c", "d", "i", or "j", generate MARC21 008/21 with value " " (fill).					

125	NR	2 \$b	LITERARY TEXT INDICATOR	008	30-31	2	LITERARY TEXT CODE	CHANGE 125 \$b to 008/30-31
			a Poetry b Drama c Fiction d History e Lectures, speeches f Instruction (how to..) g Sounds h Autobiography i Biography j Essays k Reporting l Memoirs m Rehearsals n Interviews p* Instruction/language q* Conference proceedings r* Comedy s* Folktales z* Other # [Unused portion]				p Poetry d Drama f Fiction h History l Lectures i Instruction (how to) s Sounds a Autobiography b Biography e Essays g Reporting m Memoirs r Rehearsals t Interviews j Instruction/language c Conference proceedings k Comedy o Folktales z Other # Unused postion	CHANGE a to p CHANGE b to d CHANGE c to f CHANGE d to h CHANGE e to l CHANGE f to i CHANGE g to s CHANGE h to a CHANGE i to b CHANGE j to e CHANGE k to g CHANGE l to m CHANGE m to r CHANGE n to t CHANGE p to j CHANGE q to c CHANGE r to k CHANGE s to o Keep Keep (D)
<p>Processing note for UNIMARC 125 \$b:  If no UNIMARC 125 \$b is present and UNIMARC Label/06 = "c", "d", "i", or "j",  generate MARC21 008/30-31 with value "  " (fill fill).  Left justify all non-# values; if both positions 30-31 = "#", keep both as "#".</p>								
126 ##	NR  R	21 \$a	CODED DATA: SOUND RECORD- INGS/PHYSICAL ATTRIB.  Sound recordings: general				If UNIMARC LDR/06 = c,d,i,j, see Procedure 11 for general construction of 007 using byte specifications shown below. NOTE: some bytes in 126 are used for constructing other fields	Create 007 and set 007/00 to "s"
126	00-05	6	DURATION	306 -- \$a	NR  R		DURATION  Duration of sound	CHANGE 126##\$a /00-05 to 306\$a, with no indicator; See note below
<p>Processing note for 126/00-05:  Convert any UNIMARC "#" to "0"; if 306 already exists from previous \$a,  add subsequent \$a to existing 306. Pass through any value.</p>								

126	06	1	FORM OF RELEASE	007	01	1	SPECIFIC MATERIAL DESIG.	TRANSFER 126 \$a/06 to 007/01
			a Disc				d Sound disc	CHANGE a to d
			b Tape (open reel)				t Sound tape reel	CHANGE b to t
			c Tape cassette				s Sound cassette	CHANGE c to s
			d Tape (cartridge)				g Sound cartridgem)	CHANGE d to g
			e Wire recording				w Wire recording	CHANGE e to w
			f Cylinder				e Cylinder	CHANGE f to e
			g Roll (player piano)				q Roll (piano or organ)	CHANGE g to q
			h Film (sound film)				i Sound track film	CHANGE h to i
			z Other				z Other	Keep (D)
			Fill character				Fill character	Keep

126	07	1	SPEED	007	03	1	SPEED	TRANSFER 126 \$a/07 to 007/03
			a 16 rpm				a 16 rpm	Keep
			b 33 1/3 rpm				b 33 1/3 rpm	Keep
			c 45 rpm				c 45 rpm	Keep
			d 78 rpm				d 78 rpm	Keep
			e* 8 rpm				e 8 rpm	Keep
			f* 160 rpm				i 160 rpm	CHANGE f to i
			h 1 ips (120 rpm)				h 120 rpm	Keep
			k 1 7/8 ips				l 1 7/8 ips	CHANGE k to l
			l 15/16 ips				k 15/16 ips	CHANGE l to k
			m 3 3/4 ips				m 3 3/4 ips	Keep
			n 7 1/2 ips				o 7 1/2 ips	CHANGE n to o
			o 15 ips				p 15 ips	CHANGE o to p
			p 30 ips				r 30 ips	CHANGE p to r
			u* Unknown				u Unknown	Keep
			x Not applicable				-----	CHANGE x to u
			z Other				z Other	Keep (D)
			Fill character				Fill character	Keep

126	08	1	KIND OF SOUND	007	04	1	KIND OF SOUND	SET 007/04 based on 126\$a/08 and 126\$a/19 as shown in the table below.
			a Monoaural b Stereophonic c Quadraphonic u* Unknown z Other					
Processing note for 126##\$a/08:								
The conversion of the codes in 126##\$a/08 is dependent upon the codes in 126##\$a/19.								
08		19		MARC21	007/04			
a	Monaural	a*	Acoustic	a	Acoustic			
a	Monaural	b*	Electric	m	Mono-electric			
a	Monaural	c*	Digital	f	Mono-digital			
a	Monaural	u*	Unknown	m	Mono-electric			
b	Stereo	a*	Acoustic	a	Acoustic			
b	Stereo	b*	Electric	s	Stereo-electric			
b	Stereo	c*	Digital	j	Stereo-digital			
b	Stereo	u*	Unknown	s	Stereo-electric			
c	Quad.	a*	Acoustic	a	Acoustic			
c	Quad.	b*	Electric	q	Quad.-electric			
c	Quad.	c*	Digital	g	Quad.-digital			
c	Quad.	u*	Unknown	q	Quad.-electric			
u	Unknown	a*	Acoustic	a	Acoustic			
u	Unknown	b*	Electric	u	Unknown			
u	Unknown	c*	Digital	u	Unknown			
u	Unknown	u*	Unknown	u	Unknown			
z	Other	a*	Acoustic	a	Acoustic			
z	Other	b*	Electric	o	Other electric			
z	Other	c*	Digital	k	Other digital			
z	Other	u*	Unknown	u	Unknown			
	Fill char		Fill char		Fill character			
If no UNIMARC \$a/19: Default (any other combination) =   (Fill character)								
CHANGE a to m								
CHANGE b to s								
CHANGE c to g								
Keep z as such								

126	09	1	GROOVE WIDTH	007	05	1	GROOVE WIDTH/PITCH	TRANSFER 126 \$a/09 to 007/05
			a Standard b Microgroove u* Unknown x Not a disc z Other   Fill character				s Coarse/standard m Microgroove/fine u Unknown n N/a (no grooves) z Other   Fill character	CHANGE a to s CHANGE b to m Keep CHANGE x to n Keep (D) Keep

126	10	1	DIAMETER OF REEL/DISC a 3 in. b 5 in. c 7 in. d 10 in. e 12 in. f 16 in. j* 3 7/8x2 1/2" cassette o* 5 1/4x3 7/8" cartridge s* 2 3/4x4" cylinder u* Unknown x* Not applicable z Other   Fill character	007	06	1	DIMENSIONS a 3 in. b 5 in. c 7 in. d 10 in. e 12 in. f 16 in. j 3 7/8x2 1/2" cass o* 5 1/4x3 7/8" cart s* 2 3/4x4" cylinder u* Unknown n Not applicable z Other   Fill character	TRANSFER 126 \$a/10 to 007/06 Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep CHANGE x to n Keep (D) Keep
126	11	1	TAPE WIDTH a 1/4" b 1/2" c 1" d* 1/8" u* Unknown x Not a tape z Other   Fill character	007	07	1	TAPE WIDTH m 1/4" o 1/2" p 1" l 1/8" u Unknown n Not applicable z Other   Fill character	TRANSFER 126 \$a/11 to 007/07 CHANGE a to m CHANGE b to o CHANGE c to p CHANGE d to l Keep CHANGE x to n Keep (D) Keep
126	12	1	TAPE CONFIGURATION a Full (1) track b Half (2) track c Quarter (4) track d Eight track e Twelve track f Sixteen track u* Unknown x Not a tape z Other   Fill character	007	08	1	TAPE CONFIGURATION a Full (1) track b Half track c Quarter track d Eight track e Twelve track f Sixteen track u Unknown n Not applicable z Other   Fill character	TRANSFER 126 \$a/12 to 007/08 Keep Keep Keep Keep Keep Keep Keep Keep Keep CHANGE x to n Keep (D) Keep

126	13-18	6	ACCOMPANYING TEXTUAL MATTER a Discography b Bibliography c Thematic index d Libretto or text e Biography of composer f Biography of performer or ensemble history g Technical/historic info on instruments h Technical info/music i Historic information k Ethnological info r* Instructional material s* Score z Other # No accompanying matter   Fill character	008	24-29	6	ACCOMPANYING MATTER CODE a Discography b Bibliography c Thematic index d Libretto or text e Biography of composer f Biography of performer or ensemble history g Technical/historic info on instruments h Technical info/music i Historic information k Ethnological info r Instructional material s Score z Other # No accompanying matter   Fill character	TRANSFER 126 \$a /13-18 to 008/24-29 Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep (D) Keep
<p>Processing note for 126/13-18:          If UNIMARC 126 \$a/13-18 is not present and UNIMARC Label/06 = "c", "d", "i", or "j",          generate MARC21 008/24-29 with value "#####" (blanks).          Left justify all non-# values; if all positions 008/24-29 are "#", keep as such.</p>								

126	*19	1	RECORDING TECHNIQUE* a* Acoustic b* Electric c* Digital u* Unknown	007	04			Dependent upon data in 126 \$a/08. See note under 126 \$a/08.
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126	*20	1	SPECIAL REPRODUCTION CHARACTERISTICS* a* NAB standard b* CCIR standard c* Dolby-B encoded d* DBX processed e* Digital recording f* Dolby-A encoded g* Dolby-C encoded h* CX encoded u* Unknown x* Not applicable z* Other   Fill character	007	12	1	SPECIAL REPRODUCTION CHARACTERISTICS a NAB standard b CCIR standard c Dolby-B encoded d DBX processed e Digital recording f Dolby-A encoded g Dolby-C encoded h CX encoded u Unknown n Not applicable z Other   Fill character	TRANSFER 126 \$a/20 to 007/12 Keep Keep Keep Keep Keep Keep Keep Keep Keep CHANGE x to n Keep (D) Keep
<p>Processing note for UNIMARC 126 \$a/20:          If no UNIMARC 126\$a/20, then supply " " (fill character) in MARC21 007/12.</p>								

126 ##	NR	3 \$b	Coded data: archival					
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126	00	1	KIND OF DISC OR CYLINDER TAPE a Instantaneous b Mass produced c* Master tape d* Tape duplic. master e* Disc master/negative f* Mother (positive) g* Stamper (negative) h* Test pressing u* Unknown x* Not applicable z* Other   Fill character	007	09	1	KIND OF DISC, CYLINDER OR TAPE i Instantaneous m Mass produced a Master tape b Tape duplic. master d Disc mater/negative r Mother (positive) s Stamper (negative) t Test pressing u Unknown n Not applicable z Other   Fill character	TRANSFER 126##\$a00 to 007/09 CHANGE a to i CHANGE b to m CHANGE c to a CHANGE d to b CHANGE e to d CHANGE f to r CHANGE g to s CHANGE h to t Keep CHANGE x to n Keep (D) Keep
126	01	1	KIND OF MATERIAL a Acetate b Aluminum (metal)* c Shellac d Plastic pressing e Wax cylinder f Molded cylinder u* Unknown x* Not applicable   Fill character	007	10	1	KIND OF MATERIAL a Lacquered (acetate) l Metal s Shellac p Plastic w Wax p Plastic u Unknown n Not applicable   Fill character	TRANSFER 126##\$a01 to 007/10 Keep CHANGE b to l CHANGE c to s CHANGE d to p CHANGE e to w CHANGE f to p Keep (D) CHANGE x to n Keep
126	02	1	KIND OF CUTTING a Lateral cutting b Hill and dale u* Unknown x* Not applicable   Fill character	007	11	1	KIND OF CUTTING l Lateral h Hill and dale u Unknown n Not applicable   Fill character	TRANSFER 126##\$02 to 007/11 CHANGE a to l CHANGE b to h Keep (D) CHANGE x to n Keep
127 ##	R		CODED DATA FIELD: DURATION OR SOUND RECORDINGS AND PRINTED MUSIC	DO NOT CONVERT. No corresponding MARC 21 field 007 coded data element has been defined for duration of soundrecordings and music.				
	NR	\$a	Duration					
128 ##	R		CODED DATA FIELD: MUSIC PERFORMANCES AND SCORES					TRANSFER 128 data as follows:
	R	\$a	Form of composition	047 008	## 18-19	\$a 2	FORM OF MUSICAL COMP CODE FORM OF MUSICAL COMP CODE	TRANSFER each 128\$a code to repetitions of \$a in MARC 21 047; If rectype=MU, also transfer first 128\$a code to 008/18-19

128	R	\$b	Instruments or voices for ensemble	048	##		NUMBER OF MUSICAL INSTR. OR VOICES CODE	TRANSFER 128\$b and \$c to MARC 21 048 as follows: TRANSFER each 128\$b code to repetitions of \$a in MARC21 048. TRANSFER each 128\$c code to repetitions of \$b in MARC21 048.
	R	\$c	Instruments or voices for soloists				Performer or ensemble  Soloist	
130 ##		11 \$a	CODED DATA FIELD: MICROFORMS  Microform coded data					If UNI 130 is present, see Procedure 12 for general construction of MARC21 007. Set 007/00 to "h"
<p>Note: In UNIMARC 130, positions after 130/00 have been shifted; some values in some bytes have been changed.</p>								
130	00	1	SPECIFIC MATERIAL DES.  a Aperture card b Microfilm cartridge c Microfilm cassette d Microfilm reel e Microfiche f Microfiche cassette g Microopaque h Microform slip z Other microfilm   Fill character	007	01	1	SPECIFIC MATERIAL DES.  (same code values, except code h)	TRANSFER 130##\$a/00 to 007/01 Keep Keep Keep Keep Keep Keep Keep Change h to z Keep (D) Keep
				007	02	1	ORIGINAL VS. REPRODUCTION	GENERATE value fill ( )



130	01	1	POLARITY a Postive b Negative c Unknown d Mixed Polarity u Unknown v Mixed   Fill character	007	03	1	POLARITY a Positive b Negative u Unknown m Mixed u Unknown m Mixed   Fill	TRANSFER 130##\$a/01 to 007/03 Keep Keep Change c to u Change d to m Keep (D) Change v to m Keep
130	02	1	DIMENSIONS (MICROFORM) a 8 mm. d 16 mm. f 35 mm. g 70 mm. h 105 mm. l 3x5 in. (8x13 cm.) m 4x6 in. (11x15 cm.) o 6x9 in. (16x23 cm.) p 3 1/4x7 3/8 in(9x19 cm) u Unknown z Other   Fill character	007	04	1	DIMENSIONS (MICROFORM) (same code values)	TRANSFER 130##\$a/02 to 007/04 Keep Keep Keep Keep Keep Keep Keep Keep Keep Keep (D) Keep
130	03	1	REDUCTION RATIO CODE a Low reduction b Normal (16x-30x) c High (31x-60x) d Very high (61x-90x) e Ultra high (90x-) u Unknown v Varies   Fill character	007	05	1	REDUCATION RATIO CODE (same code values)	TRANSFER 130##\$a/03 to 007/05 Keep Keep Keep Keep Keep Keep (D) Keep Keep
130	04-06	3	SPECIFIC REDUCTION RATIO 1) numeric value right justified, leading zero 2) u for missing or single digits 3) blanks if unknown 4) fill char. if not using byte	007	06-08	3	SPECIFIC REDUCTION RATIO	TRANSFER 130##\$a /04-06 to 007/06-08 Keep numeric value CHANGE u to hyphen Change # to hyphen Keep

130	07	1	COLOR	007	09	1	COLOR	TRANSFER 130##\$a/07 to 007/09 Change a to b Change b to c Change v to m Keep Keep (D) Keep
			a Monochrome b Color v Varies u Unknown z Other   Fill character				b B & W or Monochrome c Multicolored m Mixed u Unknown z Other   Fill	
130	08	1	EMULSION ON FILM	007	10	1	EMULSION ON FILM  (same code values, except v and x)	TRANSFER 130##\$a/08 to 007/10 Keep Keep Keep CHANGE v to m CHANGE x to n Keep Keep (D) Keep
			a Silver halide b Diazo c Vesicular v Mixed emulsion x Not applicable u Unknown z Other   Fill character				m Mixed n Not applicable	
130	09	1	GENERATION	007	11	1	GENERATION  (same code values except below)	TRANSFER 130##\$a/09 to 007/11 Keep Keep Keep CHANGE v to m Keep (D) Keep
			a First gen. (master) b Printing master c Service copy v Combination u Unknown   Fill character				m Mixed generation	
130	10	1	BASE OF FILM	007	12	1	BASE OF FILM  (same code values except below)	TRANSFER 130##\$a/10 to 007/12 Keep Keep CHANGE x to n Keep (D) Keep
			a Safety base b Not safety base x Not applicable u Unknown   Fill character				n Not applicable	

131	NR			CODED DATA FIELD: CART- OGRAPHICAL MATERIALS: GEODESIC, GRID, AND VERTICAL MEASUREMENT	886	R			FOREIGN MARC INFO FIELD	TRANSFER 670 to 886 according to Procedure 5.
		#	#	Blank						
	R			a Spheroid					a Tag	
	R			b Horizontal datum		NR			b Content	
	R			c Grid and ref. system		NR			2 Source	
	R			d Overlap. and ref. syst.		NR				
	R			e Second. grid & ref. sys						
	R			f Vertical datum						
	R			g Unit of meas. of height						
	R			h Contour interval						
	R			i Supl. contour interval						
	R			j Unit of meas. of bathy.						
	R			k Bathymetric interval						
	R			l Supl. bathym. interval						

135 ##				CODED DATA FIELD: COMPUTER FILES	008	26	1	TYPE OF COMPUTER FILE	If record type=CF, TRANSFER 135\$a code to MARC21 008/26, else, DO NOT CONVERT.
		1 \$a		Coded data for computer					
				a Numeric				a Numeric data	Keep
				b Computer program				b Computer program	Keep
				c Representational				c Representational	Keep
				d Text				d Document	Keep
				-----				e Bibliographic data	
				-----				f Font	
				-----				g Game	
				-----				h Sound	
				-----				i Interactive multimedia	
				-----				j Online system or serv.	
				u Unknown				u Unknown	Keep (D)
				v Combination				m Combination	CHANGE v to m
				z Other				z Other	Keep