

AN INTRODUCTION TO MARC

(with USMARC examples drawn from RLIN)

The great majority of online bibliographic databases in library use today are based on an approach to the recording of information known as Machine-Readable Cataloging, or MARC. Developed in the late 1960s at the Library of Congress (LC), and continuously refined in the years since, MARC has seen wide acceptance in the library community, both nationally and internationally. There are numerous variants and implementations of MARC, all of which trace their origins to the LC system. The standard used in the United States is known as USMARC. The Research Libraries Network (RLIN), Carlyle, and GEAC are all MARC-based systems, although user-interfaces frequently serve to obscure this fact.

The purpose of this document is to introduce Order Division staff to the USMARC formats for books (Part I) and serials (Part II). Examples of RLIN records which might be encountered in acquisitions work are provided to help users locate and interpret bibliographic information in MARC records.

Bibliographic data in USMARC records is organized into discrete pieces of information called *fields*. There are two basic types of fields. The first, control data fields--or so-called "fixed" fields--are primarily intended to aid computers in processing bibliographic records. Fixed fields (USMARC fields 005 through 008) are so named because they are comprised of a fixed number of alphanumeric characters. In each of Parts I and II, Section A describes the principal fixed data elements of value in acquisitions work.

Variable-length fields are the second type of field found in USMARC records. Most of the information found in variable-length fields replicates that found on traditional library catalog cards, i.e., author, title, imprint, physical description, series, added entries, etc. Each variable field is preceded by a numeric *tag* which identifies the information it contains. For example, field 245 carries the title, subtitle, and statement of responsibility; field 260 contains imprint data. Where several distinct but related data elements are present, variable fields are divided into *subfields*. Subfields are identified by a lower-case alphabetic character (or sometimes a number), and are preceded by a *delimiter*, which on most terminals appears as either a dollar (\$) sign or a double-dagger (‡). In the imprint (260) field, there are three primary subfields: \$a Place : \$b Publisher, \$c Date. On many systems, \$a is implicit (i.e., it doesn't display, but is understood to be present). Section B of each Part identifies variable field tags often encountered in acquisitions and links these tags to the examples which follow.

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In the sample record shown below, fixed and variable fields are identified:

FIXED FIELDS

ID:CTYG90-B2097	RTYP:c	ST:p	FRN:	MS:	EL:	AD:01-16-90
CC:9110	BLT:am	DCF:a	CSC:	MOD:	SNR:	UD:01-16-90
CP:pau	L:eng	INT:	GPC:	BIO:d	FIC:0	CON:bc
PC:s	PD:1989/		REP:	CPI:0	FSI:0	ILC:ac
MMD:	OR:	POL:	DM:	RR:	COL:	EML:
						MEI:1
						GEN:
						II:1
						BSE:

010	8984291
020	0961662328 :\$c\$34.95
040	\$dOClMA\$dCtY
043	n-usc--
050 0	NA3507\$b.D37 1989
082 0	738.3/09773/22\$220
100 10	Darling, Sharon S,\$d1943-
245 10	Teco :\$bart pottery of the Prairie School /\$cSharon S. Darling with a contribution by Richard Zakin.
260 0	Erie, Pa. :\$bErie Art Museum,\$cc1989.
300	191 p. :\$bill. (some col.), ports. ;\$c30 cm.
500	Catalog of an exhibition held at Erie Art Museum, July 8-Oct. 15, 1989 and Chicago Historical Society, Nov. 18-Feb. 18, 1990.
504	9 Includes bibliographical references (p. 182-185).
500	Includes index.
650 0	Terra-cotta\$zMiddle West\$xExhibitions.
650 0	Decoration and ornament, Architectural\$zMiddle West\$xExhibitions.
650 0	Prairie school (Architecture)\$zMiddle West\$xExhibitions.
650 0	Art pottery, American\$zMiddle West\$xExhibitions.
700 10	Zakin, Richard.
710 20	Erie Art Museum.

VARIABLE FIELDS

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A. Selected RLIN "Fixed Field" (USMARC 005 - 008) Mnemonic Labels - Book Records.

ID: ¹		RTYP: ²	ST:	FRN:	MS:	EL:	AD:		
CC: ³	BLT: ⁴	DCF: ⁵	CSC: ⁶	MOD:	SNR:	ATC:	UD:		
CP: ⁷	L: ⁸	INT:	GPC: ⁹	BIO:	FIC:	CON:			
PC: ¹⁰	PD: ¹¹	/	REP:	CPI:	FSI:	ILC:	MEI:	II:	
MMD:	OR:	POL:	DM:	RR:	COL:	EML:	GEN:	BSE:	

NOTE: The symbol Ψ is used below to describe the use of a blank space as a value.

- ¹ID: **RECORD IDENTIFIER.** Uniquely identifies each bibliographic record; the first four characters are the RLIN Library Identifier (LI). Princeton's LI is **NJPG**; the Library of Congress' is **DCLC**.
- ²RTYP: **RECORD TYPE.** Characterizes data content: **a** = acquisitions data only; **b** = both acquisitions and cataloging data; **c** = cataloging data only.
- ³CC: **CATALOGING CATEGORY.** Describes several variables concerning level of authority control, cataloging, content designation and source of machine-readable record. The most frequently encountered valid values in acquisitions work (where **x** represents a variable) include: **91xx**, **95xx**, **96xx**, **99xx**.
- ⁴BLT: **BIBLIOGRAPHIC LEVEL AND TYPE.** The first value is always **a** (language material); for book records, values for the second position are: **a** = monographic component part; **c** = collection; and **m** = monograph/item.
- ⁵DCF: **DESCRIPTIVE CATALOGING FORM.** Specifies format of the descriptive bibliographic data in a record: Ψ = non-ISBD form; **a** = AACR2 form; **i** = ISBD form.
- ⁶CSC: **CATALOGING SOURCE.** Identifies the agency which created the original machine-readable cataloging: Ψ = Library of Congress; **a** = National Agricultural Library; **b** = National Library of Medicine; **c** = Library of Congress cooperative cataloging program; **d** = other sources; and **u** = unknown.
- ⁷CP: **PLACE OF PUBLICATION.** A two or three letter code which represents the country, province or state where the item was published/produced. Most foreign countries (the exceptions being Canada, the Soviet Union and the United Kingdom) have two letter codes. US states are represented by their two letter postal abbreviation, followed by **u** (e.g., New Jersey = **nju**).

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- ⁸**L:** **LANGUAGE.** *A three letter code representing the principal language of the publication (e.g., English = **eng**). Where a text appears in two or more parallel languages, a principal one is designated in **L:**, with the additional languages given in variable field **041**. When a work is a translation from an original in another language, the language of the work in hand is given in **L:** and **041**, with the language of the original also appearing in **041** as **\$h**.*
- ⁹**GPC:** **GOVERNMENT PUBLICATION.** *A one letter code which indicates whether or not the work is published by a governmental body. A number of possible codes exist, but for Acquisitions purposes, it is probably sufficient to know that **g** indicates that the title is not a government publication. Any other value in this field suggests that the work is or may be published by a governmental body.*
- ¹⁰**PC:** **TYPE OF DATE.** *See description for **PD:**, below.*
- ¹¹**PD:** **DATE 1 / DATE 2.** ***PC:** and **PD:** collectively identify and characterize dates associated with the publication. A variety of combinations are possible. When used with one date in **PD:**, the most common value for **PC:** is **s** (single known/probable date). Values for **PC:** which result in two dates in **PD:** include **c** (actual date and copyright date), **r** (reprint date and original date), and **m** (multiple dates). The last value is usually seen in records for booksets and series. In such cases, the dates represent the beginning and ending publication dates; for titles which are not complete or ceased, the value given in DATE 2 is **9999**.*

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B. Commonly Used Variable Fields in USMARC Book Records.¹

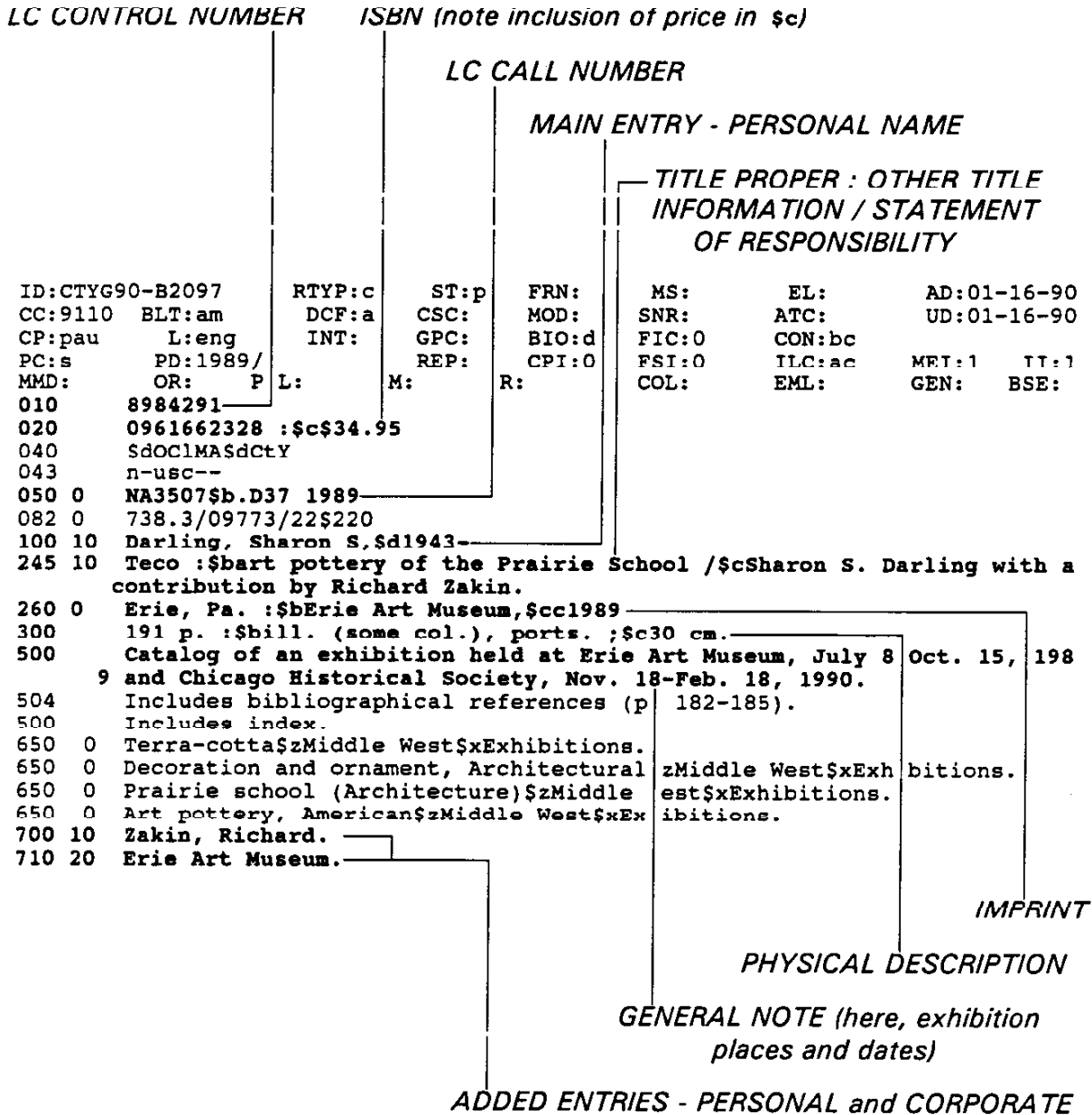
010	<i>LC Control Number</i> [1]
020	<i>International Standard Book Number (ISBN)</i> [1, 5]
035	<i>System Control Number</i>
040	<i>Cataloging Source</i>
041	<i>Language Code</i> [2a-b, 6]
043	<i>Geographic Area Code</i>
050	<i>LC Call Number</i> [1]
074	<i>GPO Item Number</i>
082	<i>Dewey Decimal Call Number</i>
086	<i>Government Document Classification Number</i> [7]
100	<i>Main Entry - Personal Name</i> [1, 2a-b, 7]
110	<i>Main Entry - Corporate Name</i> [4]
111	<i>Main Entry - Meeting Name</i> [5]
130	<i>Main Entry - Uniform Title</i> [6]
240	<i>Uniform Title (only used when Uniform Title IS NOT Main Entry)</i> [2a-b]
245	<i>Title Proper : \$b Other Title Information / \$c Statement of Responsibility.</i> [1-7] ²
250	<i>Edition Statement</i> [2a]
260	<i>Place : \$b Publisher, \$c Date. (collectively, "Imprint")</i> [1, 4]
263	<i>Projected Publication Date (appears in CIP records)</i> [5]
300	<i>Physical Description</i> [1, 5]
440	<i>Series Statement - Traced</i> [5, 6]
490	<i>Series Statement - Untraced (used in conjunction with 810 or 830)</i> [7]
500	<i>General Note</i> [1, 2a, 4, 6]
505	<i>Formatted Contents Note</i> [4]
590	<i>Local (usually copy specific) Note</i> [2b]
700	<i>Added Entry - Personal Name</i> [1, 4]
710	<i>Added Entry - Corporate Name</i> [1, 3, 7]
730	<i>Added Entry - Uniform Title</i>
740	<i>Added Entry - Variant Title</i> [3, 6]
810	<i>Series Added Entry - Corporate Name (used in conjunction with 490)</i>
830	<i>Series Added Entry - Uniform Title (used in conjunction with 490)</i> [7]

¹This list -- as well as that covering Serials in Part II. -- is highly selective and includes primarily those variable fields of use to Acquisitions staff. In particular, USMARC 6xx (subject) fields are omitted. Also, not all fields shown here will be present in any given record. After each numeric tag, a brief description of the field's purpose is given in *italics*. Bracketed numbers following the descriptions reference examples which highlight the field's use. Not all fields listed include usage examples.

²Because of their importance in Acquisitions, principal data elements and their subfield delimiters are given for USMARC fields 245 and 260.

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1. Monograph (Main Entry - Personal Name)

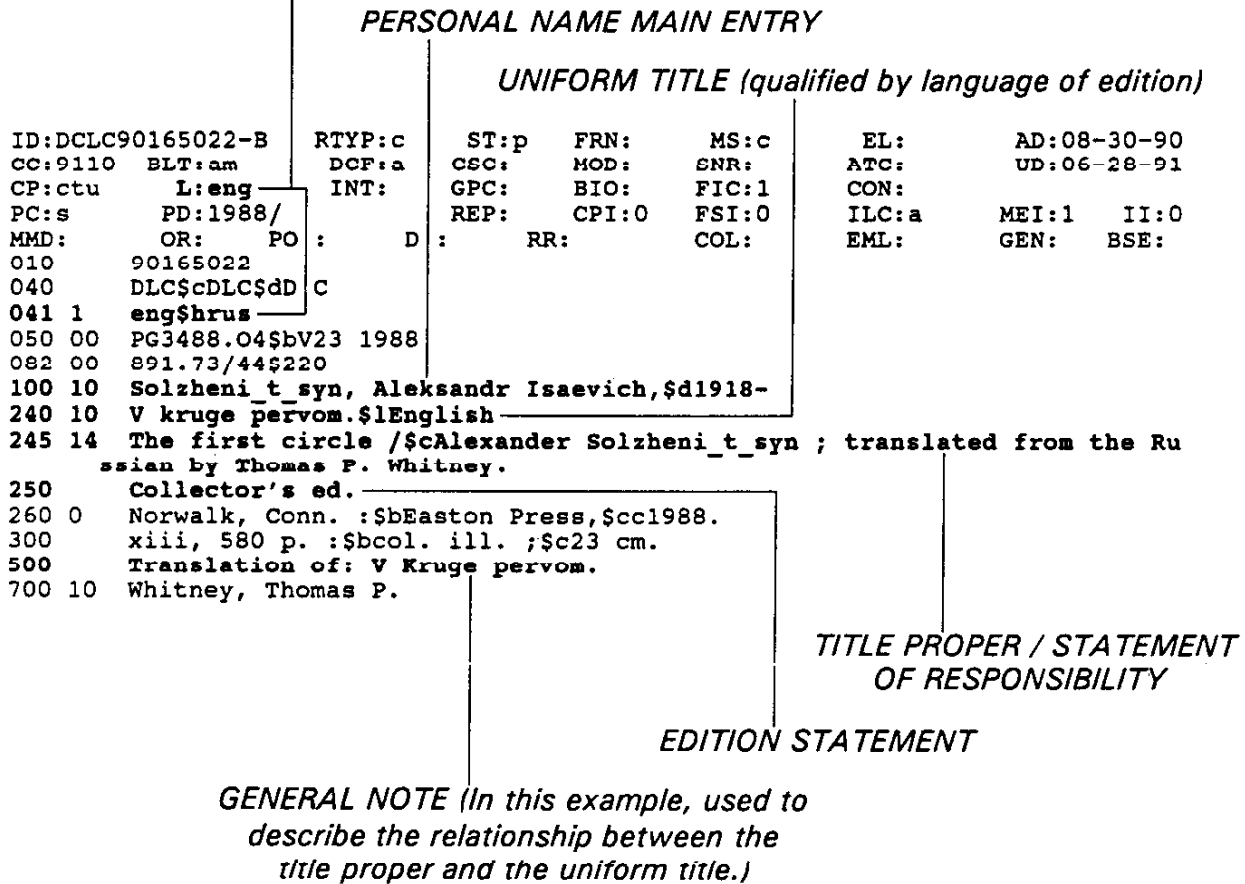


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2. Monograph (Main Entry - Personal Name, with Uniform Title)

a. English edition of a title originally published in another language:

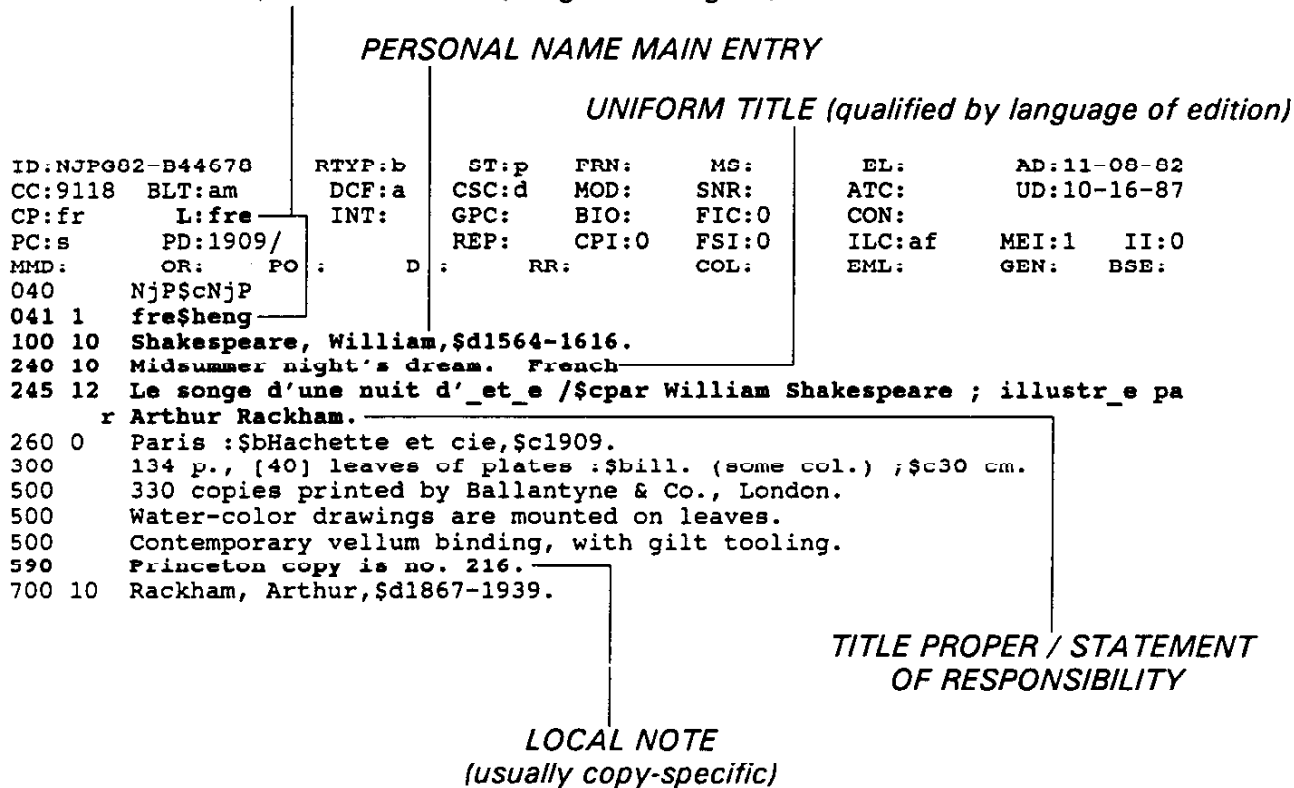
LANGUAGE (edition in English; original in Russian)



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b. Foreign language edition of a title originally published in English:

LANGUAGE (edition in French; original in English)



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3. Monograph (Title Proper as Main Entry)

TITLE PROPER / STATEMENT OF RESPONSIBILITY

ID:DCLC8362486-B	RTYP:c	ST:p	FRN:	MS:c	EL:	AD:08-15-83	
CC:9110	BLT:am	DCF:a	CSC:	MOD:	SNR:	ATC:	UD:11-22-90
CP:inu	L:eng	INT:	GPC:	BIO:	FIC:0	CON:c	
PC:s	PD:1983/	REP:	CPI:0	FSI:0	ILC:a	II:1	
MMD:	OR:	POL:	DM:	RR:	COL:	EML:	GEN: BSE:
010	8362486						
020	088022021X (pbk.)						
040	DLC\$cDLC\$dDLC						
050 00	QA76.6\$b.C694 1983						
082 00	001.64/2\$219						
245 00	CP/M software finder /\$cDigital Research.						
260 0	Indianapolis, Ind. :\$bQue Corp., \$cc1983.						
300	vi, 354 p. :\$bill. ;\$c28 cm.						
500	Includes index.						
650 0	CP/M (Computer operating system)						
650 0	Computer software\$xCatalogs.						
710 20	Digital Research.						
740 01	C.P./M software finder.						

ADDED ENTRY - CORPORATE NAME

ADDED ENTRY - VARIANT TITLE

(here included to aid in title filing and retrieval)

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4. Monographic Set (Main Entry - Corporate Name)

MAIN ENTRY - CORPORATE NAME		TITLE PROPER		IMPRINT			GENERAL NOTES	
ID: NJPG87-B61393		RTYP: c	ST: p	FRN:	MS:	EL:	AD: 12-09-87	
CC: 9114	BLT: am	DCF:	CSC: d	MOD:	SNR:	ATC:	UD: 03-14-88	
CP: fr	L: fre	INT:	GPC:	BIO:	FIC: 0	CON: b		
PC: m	PD: 1902/9999		REP:	CPI: 0	FSI: 0	ILC: af	II: 0	
MMD:	OR:	POL:	DM:	RR:	COL:	EML:	GEN:	BSE:
040	NNC\$C\$NNC\$dMiU\$dNN	\$dNjP						
043	e-gr---							
110 20	Ecole fran caise d'Ath'enes.							
245 10	Fouilles de Delphes.							
260 0	Paris : \$bBoccard, \$c1902-							
300	v. in . \$billus., plates. \$c33-44 cm.							
500	Imprint varies.							
500	Edited by Th eophile Homolle and others.							
500	Each tome issued in parts.							
590	Sculptures grecques de Delphes (Paris : Boccard, 1927) duplicates the plates for t.4, fasc.1-3, and has been added as such.							
504	Includes bibliographical references.							
505 1	t.2. Topographie et architecture: [Pt. A. Pour le Sanctuaire d'Apollo n]. 1. Releve es et restaurations / A. Tournaire (1902) -- [2] La terrasse du temple / F. Courby (text, 1915-1927) et H. Lacoste (plates, 1920) -- [3] Le tr esor des Ath eniens / J. Audiat (text, 1933) et P. Hoff et M. Stephensen (plates, 1933) -- [4] Le tr esor de Cyr'ene / J. Bousquet (text, 1952) et J Bousquet et Y. Fomine (plates, 1952) -- [5] La colonne des Naxiens et le portique des Ath eniens / P. Amandry (1953) -- [6] Sanctuaire d'Apollon, atlas (1975) -- [7] Le tr esor de Th'ebes / J. Michaud (text, 1973) et J. Bl econ (plates, 1973) [Pt. B. Pour le Sanctuaire d'Ath ena Pronaia]. 1. Les temples de Tuf, les deux tr esors / R. Demangel et G. Daux (text, 1923) et M. Fomine et M. Lauritzen (plates, 1925) -- 2. La Tholos / J. Charbonneaux (text, 1925) et K. Gottlob (plates, 1925) -- 3. Topographie du sanctuaire / R. Demangel (1926) -- [4] Le temple en Calcaire / J. Michaud (text, 1977) et H. Jakobsen et J. Bl econ (plates, 1977).							
.	[several additional 505 fields, listing further volumes]							
651 0	Delphi (Ancient city)							
651 0	Greece\$xAntiquities.							
650 0	Excavations (Archaeology)\$zGreece\$zDelphi (Ancient city)							
700 10	Homolle, Th eophile, \$d1848-1925.							
740 01	Sculptures grecques de Delphes.							

FORMATTED CONTENTS NOTE

ADDED ENTRY - PERSONAL NAME
(see second General Note above)

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5. Monograph (Main Entry - Meeting Name, CIP Record)

ISBN (note differing number - one for each place of publication)

				MAIN ENTRY - MEETING NAME			
ID: DCLC9128940-B	RTYP: c	ST: p	FRN:	MS: n	EL: 8	AD: 07-26-91	
CC: 9660	BLT: am	DCF: a	CSC:	MOD:	SNR:	ATC:	UD: 01-01-01
CP: gw	L: eng	INT:	GPC:	BIO:	FIC: 0	CON:	
PC: s	PD: 1991/	REP:	CPI: 1	FSI: 0	ILC:	II: 0	
MMD:	OR:	POL:	DM:	R :	COL:	EML:	GEN: BSE:
010	9128940						
020	3540544879 (Berlin)						
020	0387544879 (New York)						
040	DLC\$cDLC						
050 00	QA75.5\$b.W624 1990						
082 00	0045220						
111 2	Workshop on Computer Science Logic\$(4th :\$d1990 :\$cHeidelberg, Germa ny)						
245 10	Computer science logic :\$b4th workshop, CSL '90, Heidelberg, Germany, October 1-5, 1990 : proceedings /\$cE. B orger ... [et al.] eds.						
260	Berlin ;\$aNew York :\$bSpringer-Verlag,\$c1991.						
263	9108						
300	p. cm.						
440 0	Lecture notes in computer science ;\$v533						
650 0	Computer science\$xCongresses						
650 0	Logic, Symbolic and mathematical\$xCongresses.						
700 10	B_orger, E.\$q(Egon),\$d1946-						

PROJECTED PUBLICATION DATE
(here, August, 1991)

TITTLE PROPER : OTHER TITTLE
INFORMATION / STATEMENT
OF RESPONSIBILITY

SERIES STATEMENT - TRACED

A Library of Congress CIP record can be identified as such by noting the **DCLC** number in ID:, the value **9660** in CC:, and the absence of a physical description in field 300.

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6. Monograph (Main Entry - Uniform Title, with Parallel Titles Proper)

LANGUAGE (publication is in both German and Arabic)

MAIN ENTRY - UNIFORM TITLE (qualified by both languages)

FIRST PARALLEL TITLE PROPER = SECOND PARALLEL TITLE PROPER / STATEMENT OF RESPONSIBILITY

ID: NJPG87-B46543	RTYP: c	ST: p	FRN:	MS:	EL:	AD: 09-23-87
CC: 9114 BLT: am	DCF: a	CSC: d	MOD:	SNR:	ATC:	UD: 11-04-87
CP: gw L: ger	INT:	GPC:	BIO:	FIC: 0	CON:	
PC: s PD: 1982/	REP:	RE: p	CPI: 0	FSI: 0	ILC:	II: 0
MMD: OR: PO :	DM:	R :	COL:	EML:	GEN:	BSE:
020 3821700211						
040 NjP\$CnJP						
041 0 gerara						
130 00 Koran.\$pMu_awwidhat_an.\$lGerman & Arabic.						
245 14 Die beiden Schutz-Suren =\$bal-Mu_awwidhat_an bi-al-lughah al-Alm_aniy ah /\$cMuhammad Rassoul (Hrsg.).						
260 0 K_oln \$bVerlag Islamische Bibliothek M. Rassoul,\$c1982.						
300 52 p. ;\$c18 cm.						
440 0 zum Verst_ andnis des Qur_an						
500 Text of the Mu_awwidhat_an in Arabic and German; commentary in German						
630 00 Koran.\$pMu_awwidhat_an\$xCommentaries.						
700 10 Rassoul, Muhammad Ahmad.						
740 01 Mu_awwidhat_an bi-al-lughah al-Alm_an_ayah.						

SERIES STATEMENT - TRACED

ADDED ENTRY - VARIANT TITLE. In this example, the Title Added Entry is included to provide access via the Second Parallel Title.

GENERAL NOTE (used here to explain the relationship of the two texts to each other)

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7. Monograph (Main Entry - Personal Name, Government Document)

GOVERNMENT DOCUMENT CLASSIFICATION NUMBER (in this case, SuDoc number)

GOVERNMENT PUBLICATION CODE (note "non-blank" value)

MAIN ENTRY - PERSONAL NAME

ID:DCLC88601242-B	RTYP:c	ST:p	FRN:	MS:n	EL:	AD:05-16-88	
CC:9110	BLT:am	DCF:a	CSC:c	MOD:	SNR:	ATC:	UD:01-01-01
CP:azu	L:eng	INT:	GPC:f	BIO:	FIC:0	CON:b	
PC:s	PD:1987/	REP:	CPI:0	FSI:0	ILC:ab	II:0	
MMD:	OR:	POL:	DM:	RR:	COL:	EML:	GEN: BSE:

010 88601242

040 DGPO/DLC\$cDLC

043 n-us-az

050 0 E78.A7\$bS76 1987

082 0 979.1/59\$219

086 0 I 53.22/8:5

100 10 Stone, Connie Lynn.

245 10 People of the desert, canyons, and pines :\$bprehistory of the Patayan country in west central Arizona /\$cby Connie L. Stone.

260 0 Phoenix, Ariz. :\$bArizona State Office of the Bureau of Land Management, \$c1987.

300 iii, 97, [1] p. :\$bill., maps ;\$c28 cm.

490 1 Cultural resource series ;\$vmonograph no. 5

500 Shipping list no.: 88-92-P.

500 "September 1987."

504 Bibliography: p. [83]-97.

500 "BLM-AZ-PT-87-009-8100"--P. [98].

500 Item 629-E

650 0 Indians of North America\$zArizona\$zKingman Region\$xAntiquities.

651 0 Kingman Region (Ariz.)\$xAntiquities.

651 0 Arizona\$xAntiquities.

710 10 United States.\$bBureau of Land Management.\$bArizona State Office.

830 0 Cultural resource series (United States. Bureau of Land Management. Arizona State Office) ;\$vno. 5.

TITLE PROPER : OTHER TITLE INFORMATION / STATEMENT OF RESPONSIBILITY

ADDED ENTRY - CORPORATE NAME (here, the responsible government agency)

SERIES STATEMENT - UNTRACED and SERIES ADDED ENTRY - UNIFORM TITLE. The Added Entry here shows the authorized form of the series name and provides access to the volume described in the otherwise unindexed (i.e., "untraced") 490 field.

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A. Selected RLIN "Fixed Field" (USMARC 005 - 008) Mnemonic Labels - Serial Records.

ID: ¹			RTYP: ²	ST:	FRN:	MS:	EL:	AD:
CC: ³	BLT: ⁴		DCF: ⁵	CSC: ⁶	MOD:	SNR:	ATC:	UD:
CP: ⁷	L: ⁸	SL:	GPC: ⁹	CPI:	ALPH:	ISDS:	TYP: ¹⁰	
PSC: ¹¹	D: ¹²	/	FRQ: ¹³	REG:	PHY:	REP:	CNC:	IS:
MMD:	OR:	POL:	DM:	RR:	COL:	EML:	GEN:	BSE:

NOTE: The symbol \wp is used below to describe the use of a blank space as a value.

- ¹**ID:** *RECORD IDENTIFIER. Uniquely identifies each bibliographic record; the first four characters are the RLIN Library Identifier (LI). Princeton's LI is **NJPG**; the Library of Congress' is **DCLC**.*
- ²**RTYP:** *RECORD TYPE. Characterizes data content: **a** = acquisitions data only; **b** = both acquisitions and cataloging data; **c** = cataloging data only.*
- ³**CC:** *CATALOGING CATEGORY. Describes several variables concerning level of authority control, cataloging, content designation and source of machine-readable record. The most frequently encountered valid values in acquisitions work (where **x** represents a variable) include: **91xx**, **95xx**, **96xx**, **99xx**.*
- ⁴**BLT:** *BIBLIOGRAPHIC LEVEL AND TYPE. The first value is always **a** (language material); for serial records, the second value is either **b** (serial component part), or **s** (serial).*
- ⁵**DCF:** *DESCRIPTIVE CATALOGING FORM. Specifies format of the descriptive bibliographic data in a record: \wp = non-ISBD form; **a** = AACR2 form; **i** = ISBD form.*
- ⁶**CSC:** *CATALOGING SOURCE. Identifies the agency which created the original machine-readable cataloging: \wp = Library of Congress; **a** = National Agricultural Library; **b** = National Library of Medicine; **c** = Library of Congress cooperative cataloging program; **d** = other sources; and **u** = unknown.*
- ⁷**CP:** *PLACE OF PUBLICATION. A two or three letter code which represents the country, province or state where the item was published/produced. Most foreign countries (the exceptions being Canada, the Soviet Union and the United Kingdom) have two letter codes. US states are represented by their two letter postal abbreviation, followed by **u** (e.g., New Jersey = **nju**).*

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- ⁸**L:** **LANGUAGE.** *A three letter code representing the principal language of the publication (e.g., English = eng). Where a text appears in two or more parallel languages, a principal one is designated in L:, with the additional languages given in variable field 041. When a work is a translation from an original in another language, the language of the work in hand is given in L: and 041, with the language of the original also appearing in 041 as \$h.*
- ⁹**GPO:** **GOVERNMENT PUBLICATION.** *A one letter code which indicates whether or not the work is published by a governmental body. A number of possible codes exist, but for Acquisitions purposes, it is probably sufficient to know that ʘ indicates that the title is not a government publication. Any other value in this field suggests that the work is or may be published by a governmental body.*
- ¹⁰**TYP:** **TYPE OF SERIAL.** *A one letter code which identifies the type of serial described in the record: m = monographic series; n = newspaper; p = periodical; and ʘ = other type of serial.*
- ¹¹**PSC:** **PUBLICATION STATUS.** *See description for D:, below.*
- ¹²**D:** **DATE 1 / DATE 2.** **PSC:** *and D:* *collectively identify and characterize dates associated with the publication. For currently published titles, PSC: is c (currently published status), DATE 1 represents the title's beginning date, and the value given in DATE 2 is 9999. In the case of "dead" titles, the value in PSC: will be d, and DATE 1 / DATE 2 will contain the title's beginning and ending publication dates. Where publication status is unknown, u appears in PSC:.*
- ¹³**FRQ:** **FREQUENCY.** *A one letter code which characterizes the work's publication frequency. Numerous possible codes exist; principal values include: a = annual; b = bimonthly; d = daily; m = monthly; q = quarterly; u = unknown; w = weekly; and ʘ = no determinable frequency.*

Introduction to MARC, pg. 17.

B. Commonly Used Variable Fields in USMARC Serial Records.

010	<i>LC Control Number</i> [1]
022	<i>International Standard Serial Number (ISSN)</i> [1]
035	<i>System Control Number</i>
040	<i>Cataloging Source</i>
041	<i>Language Code</i>
043	<i>Geographic Area Code</i>
050	<i>LC Call Number</i> [3a]
074	<i>GPO Item Number</i>
082	<i>Dewey Decimal Call Number</i>
086	<i>Government Document Classification Number</i>
110	<i>Main Entry - Corporate Name</i>
111	<i>Main Entry - Meeting Name</i>
130	<i>Main Entry - Uniform Title</i> [2a-b]
210	<i>Abbreviated Title</i> [2a-b]
212	<i>Variant Access Title</i> [2a-b]
222	<i>Key Title</i> [2a-b, 3a]
245	<i>Title Proper</i> [1-7]
246	<i>Varying Form of Title</i> [2a-b, 5]
247	<i>Former Title or Title Variations</i>
260	<i>Place :\$b Publisher, \$c Date. (collectively, "Imprint")</i> [1]
263	<i>Projected Publication Date (appears in CIP records)</i> [5]
265	<i>Source for Acquisition/Subscription Address</i> [1, 5]
300	<i>Physical Description</i> [1, 5]
310	<i>Current Publication Frequency</i> [1, 2a, 3a-b, 5]
321	<i>Former Publication Frequency</i> [2a, 3a]
350	<i>Price</i> [5]
362	<i>Dates of Publication and/or Volume Designation</i> [1, 2a, 3a-b]
440	<i>Series Statement - Traced</i>
490	<i>Series Statement - Untraced (used in conjunction with 830)</i>
500	<i>General Note</i> [4, 6]
510	<i>Citation/References Note</i> [7]
515	<i>Numbering Peculiarities Note</i> [4]
525	<i>Supplement Note</i> [4]
530	<i>Additional Physical Form Available</i>
533	<i>Reproduction Note</i> [6]
550	<i>Issuing Body Note</i> [6]
555	<i>Cumulative Index/Finding Aids Note</i> [4]
570	<i>Editor Note</i>
580	<i>Linking Entry Complexity Note</i> [1, 3b]

Introduction to MARC, pg. 18.

- 700 *Added Entry - Personal Name*
- 710 *Added Entry - Corporate Name [1, 6]*
- 730 *Added Entry - Uniform Title*
- 760 *Main Series Entry*
- 770 *Supplement/Special Issue Entry [3a]*
- 772 *Parent Record Entry [3b]*
- 780 *Preceding Entry ("Continues....") [1, 2b, 3b]*
- 785 *Succeeding Entry ("Continued by...") [2a]*
- 787 *Nonspecific Relationship Entry*
- 830 *Series Added Entry - Uniform Title (used in conjunction with 490)*

Introduction to MARC, pg. 19.

1. Serial (with linked Preceding Entries)

LC CONTROL NUMBER	ISSN	TITLE PROPER	IMPRINT	SOURCE FOR ACQUISITION / SUBSCRIPTION ADDRESS	PHYSICAL DESCRIPTION	CURRENT FREQUENCY
ID:DCLCSN912564-S CC:9110 BLT:as CP:enk L:eng SL:0 PSC:c D:1991/9999 MMD: OR: POL 010 sn912564 022 0961-5628 035 (OCoLC)23372286 040 DI-GS\$cDI-GS\$dNSDP 042 lcd 245 00 Geoscientist. 260 London, England :\$bGeological Society,\$c1991- 265 The Geological Society, Burlington House, Piccadilly, London W1V 0JU 300 v. :\$bill. (some col.) ;\$c28 cm. 310 Bimonthly 362 0 Vol. 1, no. 1 (Feb./Mar. 1991)- 500 Title from cover. 580 Merger of: British geologist, and: Geological Society newsletter. 650 0 Earth scientists\$zGreat Britain\$xPeriodicals. 650 0 Earth sciences\$zGreat Britain\$xPeriodicals. 710 20 Geological Society of London. 780 14 \$tBritish geologist\$w(OCoLC)2998128 780 14 Geological Society of London.\$tGeological Society newsletter\$w(OCoLC)1981069	RTYP:c ST:p FRN: MS:n EL: AD:04-04-91 CSC:d MOD: SNR: ATC: UD:01-01-01 GPC: CPI:0 ALPH:a ISDS: TYP:p FRQ:b REG:r PHY: REP: CNC: IS: M: R: COL: EML: GEN: BSE:	London, England :\$bGeological Society,\$c1991- The Geological Society, Burlington House, Piccadilly, London W1V 0JU v. :\$bill. (some col.) ;\$c28 cm. Bimonthly Vol. 1, no. 1 (Feb./Mar. 1991)- Title from cover. Merger of: British geologist, and: Geological Society newsletter. Earth scientists\$zGreat Britain\$xPeriodicals. Earth sciences\$zGreat Britain\$xPeriodicals. Geological Society of London. \$tBritish geologist\$w(OCoLC)2998128 Geological Society of London.\$tGeological Society newsletter\$w(OCoLC)1981069	London, England :\$bGeological Society,\$c1991- The Geological Society, Burlington House, Piccadilly, London W1V 0JU v. :\$bill. (some col.) ;\$c28 cm. Bimonthly Vol. 1, no. 1 (Feb./Mar. 1991)- Title from cover. Merger of: British geologist, and: Geological Society newsletter. Earth scientists\$zGreat Britain\$xPeriodicals. Earth sciences\$zGreat Britain\$xPeriodicals. Geological Society of London. \$tBritish geologist\$w(OCoLC)2998128 Geological Society of London.\$tGeological Society newsletter\$w(OCoLC)1981069	London, England :\$bGeological Society,\$c1991- The Geological Society, Burlington House, Piccadilly, London W1V 0JU v. :\$bill. (some col.) ;\$c28 cm. Bimonthly Vol. 1, no. 1 (Feb./Mar. 1991)- Title from cover. Merger of: British geologist, and: Geological Society newsletter. Earth scientists\$zGreat Britain\$xPeriodicals. Earth sciences\$zGreat Britain\$xPeriodicals. Geological Society of London. \$tBritish geologist\$w(OCoLC)2998128 Geological Society of London.\$tGeological Society newsletter\$w(OCoLC)1981069	London, England :\$bGeological Society,\$c1991- The Geological Society, Burlington House, Piccadilly, London W1V 0JU v. :\$bill. (some col.) ;\$c28 cm. Bimonthly Vol. 1, no. 1 (Feb./Mar. 1991)- Title from cover. Merger of: British geologist, and: Geological Society newsletter. Earth scientists\$zGreat Britain\$xPeriodicals. Earth sciences\$zGreat Britain\$xPeriodicals. Geological Society of London. \$tBritish geologist\$w(OCoLC)2998128 Geological Society of London.\$tGeological Society newsletter\$w(OCoLC)1981069	AD:04-04-91 UD:01-01-01 IS: GEN: BSE:

PRECEEDING ENTRIES with LINKING ENTRY COMPLEXITY NOTE. The Note explains the relationship between the title shown in the 245 field and those in each of the 780 fields.

Introduction to MARC, pg. 20.

2.a. Serial (2xx title fields)

MAIN ENTRY - UNIFORM TITLE (note place qualification; distinguishes entry from 2.b.)

ABBREVIATED TITLE	VARIANT ACCESS TITLE		KEY TITLE TITLE PROPER				AD:12-09-85 UD:12-08-88
			VARYING FORMS OF TITLE				
			ST:p	FRN:	MS:	EL:?	
ID:NJPG85-S2274 CC:9110 BLT:as CP:cau L:eng SL:0 PSC:d D:1982/1986 MMD: OR: PO : DM: RR 010 84644391\$zs 022 0 0745-2500 040 IaAS\$cIaAS\$ InU\$dNSDP\$dDLC\$d DLC\$dNST\$dAIP dNST\$dNjP 042 nsdp\$alc 050 0 QA76.8.I101 \$bP38 082 0 001.64\$219 130 0 PC (San Fra cisco, Calif.) 210 0 PC\$b(San Francisco, Calif.) 212 0 Personal computer 222 00 PC (San Francisco, Calif.) 245 00 PC :\$bthe independent guide to IBM personal computers. 246 10 P.C. 246 10 P.C. magazine 246 17 PC magazine\$fJune/July 1982-Jan. 14, 1986. 260 00 [San Francisco, Calif. :\$bSoftware Communications,\$cc1982-1986. 265 PC, 1 Park Ave., New York, NY 10016 300 v. :\$bill. (some col.), ports. ;\$c28 cm. 310 Biweekly\$b<, Jan. 24, 1984-> 321 Monthly,\$bSept. 1982- 321 Bimonthly,\$bFeb.-Mar. 1982-Aug. 1982 362 0 Vol. 1, no. 1 (Feb.-Mar. 1982)-v. 5, no. 1 Jan. 14, 1986). 500 Imprint varies: <v. 4, no. 19- ations. 500 Title from cover. 650 0 IBM microcomputers\$xPeriodicals. 650 0 Microcomputers\$xPeriodicals. 785 00 \$tPC magazine\$x0888-8507	RTYP:c DCF:a CSC:d GPC: CPI:0 FRQ:e REG:r DM: RR 83007059\$zsn8200 862 SDP\$d ST\$dDLC\$ NST\$dNSDP\$d H\$dNST\$dAIP\$d	MOD: SNR: LPH:a ISDS:1 PHY: REP: COL:	ATC: TYP:p CNC: EML:	IS: GEN: BSE:	AD:12-09-85 UD:12-08-88		
CURRENT (i.e., most recent) PUBLICATION FREQUENCY							
FORMER PUBLICATION FREQUENCIES							
DATES OF PUBLICATION / VOLUME DESIGNATION (note end date / volume; this is a "dead" title)							
SUCCEEDING ENTRY (note reference to Succeeding Entry's ISSN in \$x)							

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2.b. Serial (2xx title fields)

MAIN ENTRY - UNIFORM TITLE (note place qualification; distinguishes entry from 2.a.)

ABBREVIATED TITLE		VARIANT ACCESS TITLE					
		KEY TITLE		TITLE PROPER			
		VARYING FORM OF TITLE					
ID:DCLC86644488-S		RTYP:c	ST:p	FRN:	MS:c	EL:	AD:05-14-86
CC:9110	BLT:as	DCF:a	SC:d	MOD:	SNR:	ATC:	UD:10-19-91
CP:nyu	L:eng SL:0	GPC:	PI:0	LPH:a	ISDS:1	TYP:p	
PSC:c	D:1986/9999	FRQ:e	EG:n	PHY:	REP:	CNC:	IS:
MMD:	OR: PO	:	DM: RR		COL:	EML:	GEN: BSE:
010	86644488\$zs	8629673					
022 0	0888-8507\$y	745-2500					
032	685110\$bUSP						
035	(OCoLC)1356	002					
035	(DNLM)SR006	977(s)					
040	DNAL\$cDNAL\$d	nUS\$dNSDP\$dDLC\$dN	T\$dDL	\$dNST\$dM	\$dNSDP\$dNST	dDLC\$dOCoLC\$d	
	dNST\$dMH\$dDNL	\$dNST\$dMiU\$dMH\$d	ST\$dN	dNST\$dCS	RLIN		
042	lc\$ansdp						
050 0	QA76.8.I101	\$bP38					
070 0	QA76.8.I126	35					
072	X200						
082 00	004.165\$219						
130 0	PC magazine	(New York, N.Y.)					
210 0	PC mag.\$b(N. Y. N. Y.)						
212 0	Personal computer magazine						
222 0	PC magazine\$b(New York, N.Y.)						
245 00	PC magazine :\$bthe independent guide to IBM-standard pe	sonal computi					
	ng.						
246 10	PC						
260	[New York, N.Y. :\$bPC Communications Corp.,\$c1986-						
265	PC Magazine, P.O. Box 2445, Boulder, CO 80322						
300	v. :\$bill. (some col.) ;\$c28 cm.						
310	Biweekly (except July and Aug.)						
350	\$34.97 (U.S.)\$a\$49.97 (Canada and all other foreign countries)						
362 0	Vol. 5, no. 2 (Jan. 28, 1986)-						
500	Title from cover.						
650 0	IBM microcomputers\$xPeriodicals.						
650 0	Microcomputers\$xPeriodicals.						
780 00	\$tPC (San Francisco, Calif.)\$x0745-2500\$w(DLC)	84644391\$w(OCoLC)885					
	3934						
850	AAP\$aAMAU\$aAU\$aArU\$aC\$aCSt\$aCU\$aCU-A\$aCU-RivP\$aCU-S\$aCaBViPA\$aCaOLU\$a						
	.						
	[More]						
	.						
	xDaM\$aTxHMC\$aULA\$aUPB\$aUU\$aViU\$aViBlbV\$aViW\$aVtU\$aWMS\$aWa\$aWaU\$aWvU						

PRECEDING ENTRY (note reference to Preceding Entry's ISSN in \$x)

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3.a. Serial (Parent / Supplement relationship)

LC CALL NUMBER	KEY TITLE	TITLE PROPER
ID: NJPG88-S4736	TYP: c	ST: p
CC: 9120 BLT: as	DCF: i	FRN: MS: EL: 1
CP: enk L: eng SL: 0	GPC: CPI: 0	ALPH: a
PSC: c D: 1960/9999	FRQ: z	REG: r PHY: RR:
MMD: OR: POL: DM		ISDS: 2 TYP: p
010 6136434		REP: CNC: IS: GEN: RSE:
022 0 0032-3861		COL: EMT: AD: 10-17-88
030 POLMAG		UD: 10-09-91
040 \$cOKentUS\$dOCoLC\$dNITC	dMnMUL.S\$dN\$dDI.	\$dOCoLC\$dSER\$dDLCS\$dRCSS\$dNSDP\$dAIP
\$dDLC\$dAIP\$dOCoLC\$dNSD	\$dNjP	
042 lc\$ansdp		
050 0 TP156.P6\$bP6		
060 W1 PO31P		
082 547.8405		
222 0 Polymer\$b(Guilford)		
245 00 Polymer.		
260 Guildford, Eng. :\$bButterworth Scientific Ltd.,		
300 v. :\$bill. ;\$c25 cm.		
310 18 issues a year,\$b1991-< >		
321 Quarterly,\$b1960-		
321 Monthly,\$b<May 1979>-1990		
362 0 Vol. 1, no. 1 (Mar. 1960)		
500 "The international journal for th science and technology of polymers		
650 0 Polymers and polymerization\$xPeriodicals.		
770 0 \$tPolymer communications		

CURRENT PUBLICATION FREQUENCY

FORMER PUBLICATION FREQUENCIES

DATES OF PUBLICATION / VOLUME DESIGNATION
(note lack of ending date / volume; this is a "live" title)

SUPPLEMENT / SPECIAL ISSUE ENTRY

Introduction to MARC, pg. 23.

3.b. Serial (Parent / Supplement relationship)

TITLE PROPER	CURRENT FREQUENCY	DATES / VOLUME DESIGNATION	
ID: NJPG83-S4560	RTYP: c	ST: p	FRN: MS: EL: AD: 09-26-83
CC: 9114 BLT: as	DCF: a CSC: d	MOD: SNR: ATC: UD: 03-05-91	
CP: enk L: eng SL: 0	GPC: CPI: 0	ALPH: a ISDS: TYP: p	
PSC: c D: 1983/9999	FRQ: m REG: r	PHY: REP: CNC: IS: GEN: BSE:	
MMD: OR: POL: DM: R: COL: EML:			
022 0263-6476			
035 (NjP)45359			
040 NIC\$CNIC\$dMiU\$dNjP			
245 00 Polymer communications.			
260 00 Guildford, Eng. :\$bButterw	rth Scientific Ltd Journal		Division, \$c198
300 3-			
310 v. :\$bill. ;\$c30 cm.			
362 0 Monthly			
580 Vol. 24, no. 1 (Jan. 1983)			
650 0 With the Jan. 1983 issue, separated from the main work, Polymer, and continued its volume numbering.			
772 0 Polymers and polymerization\$XPeriodicals.			
780 17 \$tPolymer			

PRECEDING ENTRY. Used here because Polymer communications continues the numbering of Polymer, and in that sense also "continues" its parent entry.

PARENT RECORD ENTRY with LINKING ENTRY COMPLEXITY NOTE. The Note explains the relationship between the title shown in the 245 field and that in the 772 field.

Introduction to MARC, pg. 24.

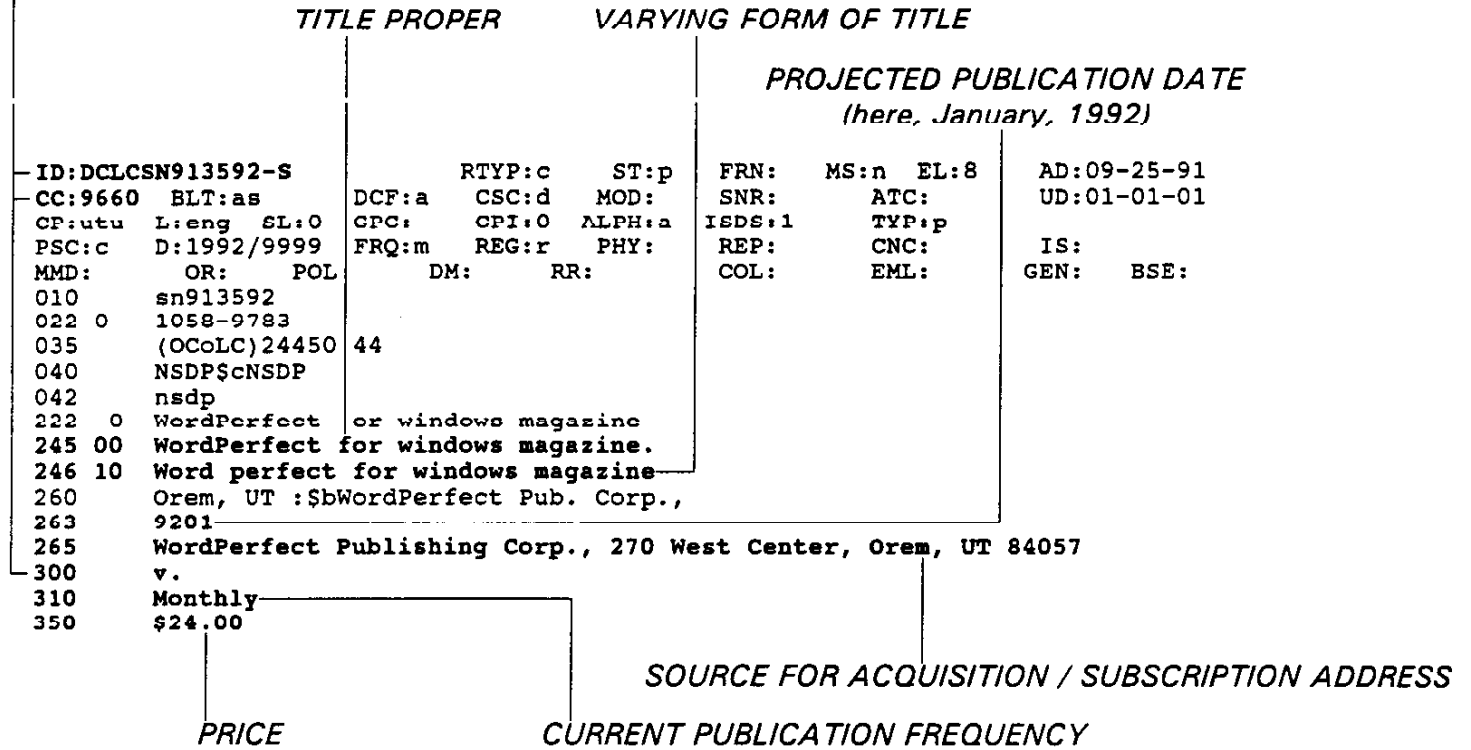
4. Serial (Miscellaneous 5xx Note fields)

TITLE PROPER	GENERAL NOTE (in this example, indicates variant imprint information)	NUMBERING PECULIARITIES
<p>ID: NJPG89-S6353 RTYP: c CC: 9120 BLT: as DCF: a CSC: d CP: nyu L: eng SL: 0 GPC: CPI: U PSC: c D: 1929/9999 FRQ: m REG: r MMD: OR: POL: DM: R: 010 sn78654\$z321514 022 0001-4966 040 DNLM\$cDNLM\$dNSDP\$dDLC\$dOCO dAIP\$dNSDP\$dNST\$dNjP 042 nsdp 222 4 The Journal of the Acoustical Society of America 245 04 The Journal of the Acoustical Society of America. 260 New York : \$bAmerican Institute of Physics for the Society, 300 v. : \$bill. ; \$c29 cm. 310 Monthly 362 0 Vol. 1, no. 1 (Oct. 1929)- 500 Place of publication varies: <1985-1991>, Woodbury, NY. 515 Some numbers issued in parts. 525 Supplements accompany some volumes. 555 Vols. 1 (1929)-10 (1939). 1 v.; v. 11 (1939)-20 (1948). 1 v.; v. 21 (1949)-30 (1958). 1 v.; v. 31 (1959)-35 (1963). 1 v.; v. 36 (1964)-44 (1968). 1 v. 650 0 Sound\$xPeriodicals. 650 0 Architectural acoustics\$xPeriodicals. 710 20 Acoustical Society of America. 710 20 American Institute of Physics.</p>	<p>ST: p FRN: MS: EL: 1 AD: 08-30-89 MOD: SNR: ATC: UD: 01-10-92 ALPH: a ISDS: 1 TYP: p PHY: REP: CNC: IS: R: COL: EML: GEN: BSE:</p> <p>C\$dNSDP\$d m.c. \$dPPIU\$dSER\$dRC \$dAIP\$dOCOLC\$</p>	<p>\$dAIP\$dOCOLC\$</p>
SUPPLEMENT NOTE	<p>CUMULATIVE INDEX / FINDING AIDS NOTE (in this example, lists and describes cumulative indices to the Journal)</p>	

Introduction to MARC, pg. 25.

5. Serial (CIP Record)

A Library of Congress CIP record can be identified as such by noting the **DCLC** number in **ID:**, the value **9660** in **CC:**, and the absence of a physical description in field **300**.



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6. Serial (Microform reproduction of a paper original)

TITLE PROPER. Note the inclusion of a General Material Designation (GMD) in \$h. GMDs are frequently used to identify "non-book" physical formats.

GENERAL NOTE (in this example, issues filmed)

REPRODUCTION NOTE

ID:DCLCSF8990264-S	RTYP:c	ST:p	FRN:	MS:c	EL:7	AD:10-03-89
CC:9550	BLT:as	DCF:a	CSC:	MOD:		UD:07-14-91
CP:dcu	L:alb	SL:0	GPC:	CPI:0	ALPH:	
PSC:u	D:1950/9999	FRQ:u	REC:u	PHY:		
MMD:d	OR:u	POL:a	DM:f	RR:b---		IS:
MMD:d	OR:u	POL:b	DM:f	RR:b---		GEN:c BSE:a
010	sf8990264					GEN:a BSE:a
035	(OCoLc)20434661					
040	DLC\$cDLC\$dCStRLIN					
042	msc					
050 0	Microfilm 07697					
245 00	Shqiperia\$h[microform].					
260 00	New York, N.Y. :\$b[Komiteti Kombeta		"Shqiperia e Lire"			\$c1950-
300	v.					
362 0	Vol. 1, no. 1 (shtator 6, 1950)-					
500	Title from caption.					
500	On film: v. 1-v. 6, no. 6; Sept. 6, 1950-May 30, 1956.					
533	Microfilm.\$bWashington, D.C. :\$cLibrary of Congress Photoduplication					
	Service.\$el microfilm reel ; 35 mm.					
546	In Albanian with some issues also in English.					
550 0	Issued by Komiteti Kombetar "Shqiperia e Lire" (The National Committee					
	e for a Free Albania)					
710 20	National Committee for a Free Albania.					
850	DLC\$aDLC (master)					

ADDED ENTRY - CORPORATE NAME with ISSUING BODY NOTE. The Note explains the relationship between the title shown in the 245 field and the body named in the 710 field. No Added Entry for Komiteti Kombetar "Shqiperia e Lire" is given because it is not the authorized form of the body's name.

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7. Serial (Monographic series)

Records for monographic series can be identified by the combination of **as** in **BLT:** and **m** in **TYP:**.

ID:DCLCSN	724738-S	RTYP:c	ST:p	FRN:	MS:c	EL:	AD:06-09-87
CC:9110	BLT:as	DCF:a	CSC:d	MOD:	SNR:	A C:	UD:07-26-91
CP:gw	L:eng SL:0	GPC:	CPI:0	ALPH:a	ISDS:0	TYP:m	
PSC:c	D:1986/9999	FRQ:u	REG:u	PHY:	REP:	CNC:	IS:
MMD:	OR:	POL:	DM:	RR:	COL:	EML:	GEN: BSE:
010	en8724738						
022	1010-8793						
030	NASBE4						
035	(OCoLC)15866279						
040	NSDP\$cNSDP\$dM/c\$dNSDP\$dDNAL\$dMH\$dNSDP\$dOCoLC\$dNST						
042	lcd\$ansdp						
070 0	QH573.N37						
072	X300						
210 0	NATO ASI ser., Ser. H Cell biol.						
212 0	North Atlantic Treaty Organization Advanced Science Institutes series Series H, Cell biology						
222 0	NATO ASI series. Series H, Cell biology						
245 00	NATO ASI series.\$nSeries H,\$pCell biology.						
246 10	N.A.T.O. A.S.I. series.\$nSeries H,\$pCell biology						
246 10	Cell biology						
260	[Berlin ;\$aNew York :\$bSpringer-Verlag,\$c1986-						
300	v. :\$bill. ;\$c25 cm.						
362 0	Vol. 1-						
500	Title from cover.						
510 2	Biological abstracts\$x0006-3169\$b1986-						
510 2	Chemical abstracts\$x0009-2258\$b1986-						
510 0	Bibliography of Agriculture\$x0006-1530						
550	Published in cooperation with: NATO Scientific Affairs Division.						
650 0	Cytology\$xCollected works.						
650 2	Cytology\$xcollected works.						
650 2	Molecular biology\$xcollected works.						
650 0	Molecular biology\$xCollected works.						
710 20	North Atlantic Treaty Organization.\$bScientific Affairs Division.						
850	caOWtU\$aCoP\$aDNL\$aGASU\$aGU\$aMBCo\$aNcD\$aViBlbV						

TITLE PROPER

CITATION/REFERENCES NOTES. These notes provide information about other titles which may index or abstract the contents of this series. Note that the first two entries include coverage dates in \$b.