

Title: MARC21-TEL Application Profile Standard Mapping

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Description: This document provides a standard mapping between MARC21 tags and the terms used in the TEL Application Profile. It is free of local customisation and to be used as a reference model.

Document Control	
v0.1	2005-12-01 Initial draft circulated to TMM Metadata Workshop attendees
V0.2	2006-01-11 Document amended as stated in the Comments column in the light of feedback. Addition of a Summary of outstanding issues section.

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- Terms included in the TEL Application Profile are listed in the order in which they appear in the TEL Metadata Handbook.
- A whole MARC21 field is equivalent to a TEL AP term unless subfield codes are given.
- Terms preceded by ** in the TEL column are currently implemented in the gateway conversion although they are not part of the TEL Application Profile.
- The Row no. column is provided for ease of reference only.

Row no.	MARC21	TEL	Comments
1	245	title	For this element and others in bold in previous versions of this document, bold has now been removed.
2	130, 210, 222, 240, 242, 246, 730, 740	alternative	222 added following feedback (Poland) 440, 830 remain mapped to isPartOf.
3		creator	Issue: should 100, 110, 111, 700, 710, 711, 720 be mapped to contributor or creator? Now that LC and DCMI have announced the availability of a subset of MARC relator terms as role properties which refine the agent contributor, it may be better to map to contributor rather than creator. This requires further discussion and may be better dealt with as part of the TEL AP and Registry work.
4	100, 110, 111, 700, 710, 711, 720	contributor	710 added following feedback.
5	260\$a\$b\$c	publisher	\$c retained in mapping following feedback (Bill Oldroyd) – this is due to punctuation issues.
6	600, 610, 611, 630, 650 2 nd indicator 1, 3, 4, 5, 6, 7 653	Subject	651 remains mapped to spatial.
	600, 610, 611, 630, 650 2 nd indicator 0	subject (LCSH)	
	600, 610, 611, 630, 650 2 nd indicator 2	subject (MeSH)	

	050 080 082	subject (LCC) subject (UDC) subject (DDC)	
7	500-599 except 505, 506, 510, 520, 521, 530, 546, 581	description	504 mapped to description following feedback (Poland) 510 added to the exclusion following feedback (Hungary) 581 added to the exclusion following feedback (Hungary) – it has been added to row 34
8	520	abstract	
9	505	tableOfContents	
10		thumbnail	
11	250	edition	
12		date	533\$d moved to row 13
13	533\$d	created	533\$d mapped to created rather than date following feedback (Hungary)
14	008/07-10	issued	
15		dateCaptured	
16	000/06 000/07 655	type	see Table (1) for MARC21-Type conversion rules
17	856\$q	format	
18	300, 533\$e	extent	
19	340\$a	medium	
20		recordSchema	
21	020 022 024 1 st ind. 4 030 856\$u	identifier (ISBN) identifier (ISSN) identifier (SICI) identifier (CODEN) identifier (URI)	
22		bibliographicCitation	
23	786\$o\$t\$w	source	\$o\$t\$w added to 786 following feedback (Poland) 530 removed following feedback (Hungary) – source implies that the referenced resource precedes the described resource. 530 better mapped to

			isFormatOf/hasFormat
24	008/35-37 041 546	language (ISO 639-2)	(MARC21 041): Multiple codes need to be parsed by threes
25	770, 772, 787	relation	
26	760\$n\$t, 773\$n\$t, 777\$n\$t 440, 490, 800, 810, 811, 830 760\$o, 773\$o	isPartOf isPartOf (URI)	
27	774\$n\$t, 762\$n\$t 774\$o, 762\$o	hasPart hasPart (URI)	
28	765\$n\$t, 767\$n\$t, 775\$n\$t 765\$o, 767\$o, 775\$o	**isVersionOf **isVersionOf (URI)	Elements not currently part of TEL AP should be incorporated. Issue to be resolved as part of TEL AP and Registry work. 786\$n\$t\$o removed – MARC definition does not match isVersionOf definition. 786 remains mapped to source.
29	530\$a, 776\$n\$t 530\$u, 776\$o	**isFormatOf **isFormatOf (URI)	\$a added to 530 for more precision. Issue: 530 can legitimately be mapped to both isFormat and hasFormat. This means the same information will be duplicated but some implementations may want/need to display that information under isFormat and others under hasFormat. This issue needs further discussion.
30	530\$a 530\$u	hasFormat hasFormat (URI)	776 removed – Marc definition explicitly states that there is a horizontal relationship between the resource described and the resource referenced whereas hasFormat definition states that the described resource pre-existed the referenced resource.
31	785\$n\$t 785\$o	**isReplacedBy **isReplacedBy (URI)	
32	780\$n,\$t 780\$o	**Replaces **Replaces (URI)	
33	538	**requires	

34	510 581	**isReferencedBy	581 added following feedback (Hungary)
35		coverage	
36	043\$c 255 522 650\$z, 651 752	spatial	044\$c removed following feedback (Poland) as it relates to the production of the item rather than the intellectual content.
37	033\$a, 513\$b	temporal	
38	506, 540	rights	
39	008/22 521	audience	See Table 2 for MARC values used.
40	852	location	
41	001	recordId	
42		owner	

(1) re: Row 16 . MARC21- Type conversion rules.

The table below gives the conversion rules for MARC21 LDR/06-07

000 (LDR)/06 value	000 (LDR)/07 value	Type value	Comments
a, c, d, t,		text	
e, f, g, k		image	
i, j		sound	
m, o, p, r		no type provided	
	a	articles	
	b	papers	
	c	collection	
	m	book	
	p	periodical	1. According to the MARC21 documentation, "p" is now an obsolete value; this was included in the current implementation presumably because it occurred in data. We may wish to retain if for this reason.

			<p>2. There have been other changes for LDR/07 with the introduction of i for integrating resource. We need to include this.</p> <p>3. The TEL type values list needs further work (re: serial/series/periodical). These issues are quite complex and may be better dealt with as part of the TEL AP and registry work.</p>
	s	series	

(2) re: Row 39 - MARC21 codes for 008/22

008/22 code	value	Comments
a	preschool	
b	primary	
c	pre-adolescent	
d	adolescent	
e	adult	
f	specialized	
g	general	
j	juvenile	
space	unknown	added following feedback (Poland)
	no attempt to code	Added following feedback (Poland)

Summary of outstanding issues

1. Row 4/5 mapping of 100/110/111/710/711/720 to creator or contributor.
2. Row 28-29 and 31-34 : inclusion of terms preceded by ** into TEL AP.
3. Row 29: 530 mapping and isFormatOf/hasFormat issue.
4. Row 16, Table (1) : TEL type values, especially series/serials/periodical.