

**Revised Formats Manual, LEXFOR, Dictionary Manual (A5, A6, A7)**

(N. Otsuka, 2025-05-12, Memo CP-D/1136)

*Note added to WP2025-08:*

The additional correction of the Formats Manual Chapter 7 if for the reference type T (thesis) and W (private communication), for example,

(W, BENZI, 19661104)(T, ANONYMOUS, 58, 196802)

In fulfilment of Actions 5, 6 and 7 of the NRDC 2024 meeting, I prepared the updated EXFOR Formats Manual (IAEA-NDS-207). LEXFOR (IAEA-NDS-208), and EXFOR/CINDA Dictionary Manual (IAEA-NDS-213). The conclusions from the NRDC 2023 and 2024 meetings are taken into account. They are available on the NRDC website.

**Summary of corrections**EXFOR Formats Manual (A5)

Paper	Concl.	Memo	Title	Chapt.	Remark
WP2023-23	C20	CP-D/1053, CP-D/1055(Rev.)	STATUS: Format extension and LEXFOR revision	7	
WP2023-25	C22	CP-D/1056	Use of pointer for independent variable	5,6	
WP2023-28	C25	CP-D/1071	Omission of data type field (SF9) in MONITOR and ASSUMED	7	
WP2024-12	C13	CP-D/1110(Rev.)	Proposal on revisions in manuals	1,2,7,8, C	
WP2024-24	C26	CP-D/1089	Definition of TRANS N2 (date) and time stamp on NDS open area	2	
WP2024-25	C27, C28	Addition to CP-D/1098	Article collection and improvement of primary reference coding	7	
WP2024-27	C31, C32	CP-D/1106	BIB/BIB link by pointer	5,7	
WP2024-30	C6, C15, C16	CP-D/1093	Reproduction of EXFOR backups with new utility codes	2	
WP2024-31	C36	CP-D/1094	Retroactive production of EXFOR Masters	2	

CP-D/1069=WP2023-27 (DECAY-DATA and FLAG) is in A5. This proposal was rejected (C24) and not implemented in this revision.

Chapter 1: The record identification (Col. 67-79) has been explained as optional since Rev. 2011/01. But I could not find its approval in the summaries of the NRDC 2008, 2009 and 2010 meetings, and hence deleted “(optional)” from the manual.

Chapter 2: I renamed “exchange file identification” into “transmission identification” to be consistent with our actual terminology (“Trans ID”).

Chapter 7 “Reference”: I added the underlined words:

Author subfield: contains family name of the first author in uppercases. This field must be present.

For a thesis, the name of the institution awarded the degree must be entered in free text.

#### LEXFOR (A6)

Paper	Concl.	Memo	Title	Chapt.	Remark
WP2023-08	C14	4C-3/0421	LEXFOR “Scattering”	S	
WP2023-31	C28	4C-4/0233(Rev.)	Compilation of the zeroth order Legendre coefficients	F	
WP2023-23	C20	CP-D/1055(Rev.)	STATUS: Format extension and LEXFOR revision	S	
WP2023-24	C21	CP-D/1038	Usage of ERR-HL and ERR-IDD	D	Decay data
WP2023-29	C26	CP-D/1072	$^{209}\text{Bi}(p,x)$ $^{211}\text{At}$ cross section? - Secondary particle induced reaction	C	Corrections
WP2023-30	C27	CP-D/1076	LEXFOR “Activation”	A	
WP2024-12	C13	CP-D/1110(Rev.)	Proposal on revisions in manuals	F	
WP2024-13	C14	CP-D/1111(Rev.)	Revision of LEXFOR “Partial reactions”	P	

#### EXFOR/CINDA Dictionary Manuals (A7)

Paper	Concl.	Memo	Title	Chapt.	Remark
WP2023-11	C17	CP-D/1081	Revision of EXFOR/CINDA Dictionary Manual and format change	3	All items other than “Proposal 1” are adopted in the 2023 Revision.
WP2024-09	C10	CP-D/1092(Rev.)	Structure of Transmission dictionary	2	
WP2024-10	C11	CP-D/1105	Exclusion of full stop from data headings and units	3	
WP2024-11	C12	CP-D/1109	Numbering scheme for compound codes	3	
WP2024-12	C13	CP-D/1110(Rev.)	Proposal on revisions in manuals		

CP-D/1067=WP2023-09 (Dictionary 227) is in A7. This proposal has been already incorporated in the last version (Rev. 2023/05).

CP-D/1081=WP2023-11 (full review) in A7. Only “Proposal 1” was implemented since other proposal have been already incorporated the last revision

CP-D/1092 (Rev.)=WP2024-09 (Transmission dictionary): To be consistent with the EXFOR Formats Manual Chapter 1, (1) “Record identification field” was renamed to “Sequence number field”, and (2) the description on the N2 field of the ENDSUBDICT record was changed to “Always zero (0)”.

#### **Distribution:**

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