

Memo 4C-3/313

To: Distribution

Date: 18 September 1987

From: *O. Schwerer*
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Subject: 1) FLAG in COMMON section
2) Comments on TRANS 2117

J.J. Schmidt
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- 1) In entry 22036 (TRANS 2117), the heading FLAG is used in the COMMON sections of subentries 2 and 3 which is not allowed according to the manual (see Lexfor 'Flags'). In the case of entry 22036, if the keyword SAMPLE would be moved to subentries 2 and 3, no FLAG would be needed. There could, however, be other cases where FLAG in a COMMON section could perhaps be useful. We suggest to discuss at the forthcoming data centres' meeting whether flags in COMMON section disturb any of the centres. If this is the case, we would include such a check in the NDS Exfor check program.

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2) Comments on TRANS 2117

Once again, we would like to draw NEA-DB's attention to the incorrect use of alter flags and missing HISTORY documentation of the changes made to re-transmitted entries, e.g.

- use of flag 'R' to mark single record changes, e.g. in 22017.002,3,4,5,6,7 (REACTION code). R should be used only when whole BIB,COMMON or DATA sections or large groups of records are Replaced.
- retransmitting subentries where the only change marked with alter flags is an inserted HISTORY line which, in turn, does not give any information on the update made (e.g. 22024.002,3,4).

Our other comments are given in the following table. For 6 entries we request retransmission.

<u>Entry</u>	<u>Subentry</u>	<u>Line</u>	<u>Comment</u>
21920*)	5,6,9,10, 11		Delete EN from COMMON section (not allowed for SF2=0)
22011*)	2-5		Delete ANG from COMMON section (only allowed if SF6 = DA or = (COR). Geometry of measurement should be given in free text.
	3		ERR-ANALYS gives headings ERR-S and ERR-1, data section uses DATA-ERR only. Please correct to make headings consistent, e.g. by replacing DATA-ERR by ERR-T and deleting (ERR-S) and (ERR-1) from BIB section.
	5	33	Exponent must be right-adjusted within field.
22013	4,9		Either give ERR-T in DATA section, or delete it from BIB section.
22015	2	12	change EN to EN-NRM
22017	2-8	3	delete '(' in col. 13
22027	4	4	delete code (DATA-ERR)
22028	1	6	AUTHOR: no initial?
	2,3	14	change EN to EN-NRM
22029	2,3	13-34)	
	4	17-34)	exponent must be right-adjusted within field
22030	3	15-42)	

*) Retransmission requested

<u>Entry</u>	<u>Subentry</u>	<u>Line</u>	<u>Comment</u>
22030*)	2-16		REACTION coding IND,FY is incompatible with giving secondary energy E in COMMON section and with units 1/MEV. Correct code should probably be ,DE,FF. Please check and retransmit with different REACTION.
22031*)	151-159		add PAR to SF5 and Q-VAL to COMMON section
22033*)	1	31	N1=3
	2-37	3	SF4 missing (must be given for scattering cross section, but not for STF). Strictly speaking, average cross section and strength function should be compiled in separate subentries (see LEXFOR 'Multiple Reaction Formalism' for the classes of data where this may be used).
22037*)	2,3,6-19, 3		SF4 missing
	22-25		
	21	3	SF4: isomer extension (G) missing

*) Retransmission requested