

Memo 4C-3/113

To: Distribution

5 December 1974

From: P.M. Attree + H.D. Lemmel *HDL Ant.*

Subject: Comments on TRANS 4016 dated 740425 and TRANS 4017 dated 740731.

We had difficulties with the EXFOR files TRANS 4016 and 4017, due to a number of mistakes which disturbed our Exfor processing programs considerably. These are listed on the following pages.

Other mistakes encountered, such as superseded codes in the BIB-section or monoisotopic elements without their appropriate A-number, do not disturb us too much and are therefore not mentioned.

Distribution:

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Errors in TRANS 4016 dated 740425

<u>Subentry</u>	<u>Comment</u>
40048.	ENDEENTRY record duplicated.
40053.001	N1 in BIB record wrong.
40064.007	92-PU-238: which nuclide is really meant?
40064.013	same.
40085.001	N1 in BIB record wrong.
40085.002	BIB-Keyword missing and ISO-QUANT given twice. Which iso-quant is correct?
40085.003	in the iso-quant a hyphen (-) was used instead of a slash (/).
40085.006	line 192: either wrong energy-value or line out of sequence.
40089.001	N1 in BIB record wrong.
40092.001	the keyword PART-DET is missing, although relevant information is given; N1 in BIB record wrong.
40143.007	quantity should be EL,POT.
40157.001	
	The references INDC-7E and INDC-8E should be corrected to INDSWG-7E and INDSWG-8E. (Each report must be indexed under its original identification code, even if the series is extinct and continued under a different code. The code INDSWG- is not obsolete.)
	For the reference JINR-2313 the reference-date is missing. (on the other side, we appreciate that the bibliography was given so completely!)
40158.001	The reference INDC-64E and INDC-152E should be corrected to INDSWG-64E and INDSWG-152E. In the first case also the reference-date is missing.
40158.005	line 32: mispunch in energy-field.
40167.001	N1 in BIB record wrong.
40170.007	quantity code wrong and not clear what may be meant; data-headings EN-MIN and EN-MAX do not match the data given in these columns.
40170.008	same.
40170.010	keyword NOCOMMON missing.
40170.011	N2 in BIB record wrong.
40170.013	lines 98 and 103: decimal point in data column missing.
40177.002	We have added the newly introduced data-heading keywords STAND3 and STAND3-ERR to dictionary 24.
	The treatment of the case of more than 6 variables is not correct: between lines 18/19 a blank line must be inserted to indicate that no value for STAND3-ERR is given for EN = 5.0 MEV; otherwise the figure 6.0 is considered as value for STAND3-ERR and the following numbers in this line are undefined.- Similarly, blank lines must be inserted between lines 19/20 and 20/21. (Note that these 'blank' lines are blank except for their identification field in col. 67-79 which must be filled in in the usual way.)
40179.020	wrong hyphen (-) instead of comma (,) in ISO-QUANT.
40186.001	keyword INSTITUTE misspelt.
40186.004	N2 in DATA record wrong.
40187.002	point instead of comma in ISO-QUANT.
40187.003	line 28: decimal-point in energy-column missing.
40189.002	element symbol in ISO-QUANT missing.
40207.003	lines 138-148: either mispunches in energy-values or lines out of order; the same in line 486.
40207.004	N2 in DATA record wrong.

Errors in TRANS 4017 dated 740731

<u>Subentry</u>	<u>Comment</u>
40017.002	line 27: comma instead of decimal-point.
40017.012	keyword ENDSUBENT missing.
40018.002	character 0 instead of number zero in ISO-QUANT.
40087.003	a comma in ISO-QUANT is missing; (A note to Hans Potters: line 33 seems to be correct, although the monotony-rule of the EN-MIN column is violated.)
40087.004	same as subentry .003 (both comments).
40087.005	same.
40172.010	line 11: column-heading 'DATA' is misplaced.
40190.002	This complete subentry was numbered .001 instead of .002. The DATA record (line 4) is duplicated.
40195.002	wrong isotope-number in ISO-QUANT.
40197.002	keyword NOCOMMON missing; unit GAM/100N misspelt.
40203.002	keyword ERR-ANALYS misspelt. The column-heading MISC-ERR does not exist in dictionary 24; we would prefer to use in this subentry the headings MISC1 and MISC2, and to avoid introducing MISC-ERR.
40203.003	quantity in STANDARD should read SF/NU,,PR; keyword ERR-ANALYS misspelt; re MISC-ERR see above.
40214.003	line 14: decimal-point in first column missing.
40222.001	keyword INSTITUTE misspelt.
40222.011	N1 in BIB record wrong.
40222.012	line 26: decimal point in second data column missing.
40224.001	keyword PART-DET misspelt.