

1978-01-24

To: Distribution
(on leave) *Lemmel*
From: F. Hirschbichler and H.D. Lemmel
Subject: SOKRATOR
Reference: INDC(CCP)-97

We are distributing the document INDC(CCP)-97 containing the English translation of two Russian papers by V.E. Kolesov and M.N. Nikolaev, giving an up-to-date description of the SOKRATOR Library.

We noticed, however, that the various parts of this Library, as received from CJD, have a large variety of different formats (lengths of records and fields). We therefore added to the Document a sheet describing the formats of the various files received so far.

The variable format of this Library reduces its value significantly, and we received a number of comments indicating that the processing of such an irregular library is nearly impossible.

Therefore, we would like to urge CJD to define a unique format and to retransmit the entire library in this unique format.

for J.J. Schmidt
Clearance: J.J. Schmidt

Distribution:

1. S. Pearlstein, NNDC
2. H. Derrien, CCDN
4. V.N. Manokhin, CJD

NDS:

- P.M. Attree
- G. Lammer
- H.D. Lemmel
- A. Lorenz
- H. Marin-Guzman
- K. Okamoto
- J.J. Schmidt
- O. Schwerer
- P.M. Smith
- 3 spare copies

Although CJD may define the format according to their requirements, we would recommend the following:

- cols. 1-66 six information fields, each 11 position wide,
- cols. 67-80 LFN, Section Nr., Sequence Nr. in defined positions.

An alternative would be more close to the UK-format:

- cols. 1-71 six information fields, each 11 positions wide and separated by a blank
- cols. 72-80 LFN, Section Nr., Sequence Nr. in defined positions.

Whatever format is chosen, it is essential that all data information is "FORTRAN readable according to an E-format" (compare in Exfor under "numerical data formats"). Previous data files often had, within the data information, occasional integers without decimal point which cannot be processed with normal programs. Numbers defining file, section, sequence, quantities, etc can of course be integers.

May we ask CJD to give the reformatting and retransmission of the SOKRATOR Library highest priority, since the data in their present form can hardly be used.

We would also like to urge again the transmission of the SOKRATOR Niobium evaluation which, according to the authors, should be available from CJD since about half a year (compare our telex of 17 Oct. 1977).