Memo   4C/154

To: Distribution

From: H.D. Lemmel + G. Lammer   13 January 1976

Subject: NDCC's Draft of the CINDA Manual

        Please, find below a brief comment to the NDCC's draft of
the new CINDA-Manual. Unfortunately, we were not able to reply
earlier, but we hope that our answer reaches NDCC in time to be
considered for the final version.

Distribution   Clearance: J.J. Schmidt

Dr. L. Lesca (NDCC)   (5)
Dr. S. Pearlstein (NNCSC) (5)
Dr. V. Manokhin   (5)

NDS: P. Attree
      G. Lammer
      A. Lorenz
      M. Khalil
      K. Okamoto
      J.J. Schmidt
      R. Yaghubian

General comment

The organization of the manual could be improved. Certainly it should be clearly split into the following separate sections:

1. normal entries

2. coverage control

3. revision entries (delete, modify, etc.)

4. special entries (data index lines, translations etc.)

A fifth chapter should contain the agreed "NDCC/NDS Interface format for CINDA" (last revision of 13 November 1972, see pages 6.1-6.13 of NDS Cinda Manual).

Only items 1. and 2. are essential for external Cinda indexers, whereas items 3. to 5. are essential for Cinda centers.

New items should start on new pages in order to make the updating by exchangeable pages easier.

In many cases, we think that the wording and arrangement could be clearer and more compact. However, we will not go into details and rather restrict this memo to the more essential items.

Introduction

Please, include in the introduction or elsewhere the agreed distribution of responsibilities for preparing Cinda-entries. See memo HDL of 74-1-1 with minor modifications of 75-10-15 in NDS Cinda Manual pages 1.1 to 1.2. It seems to be most essential for all Cinda indexers to know this distribution of responsibilities.

One should also add here a list saying which external Cinda indexer of area 2 is responsible for which series, though the main responsibility rests with NDCC.

Pages 11-14:

For chemical compounds the Four Centers have agreed on a specific wording, see Memo 4C-3/34, amended in 4C-3/54. We do not see why this wording is not used. (Of course, this wording can be modified, when there is an important reason to do so.)

Pages 15-30: Quantities

Remove obsolete quantity codes ACT and RIR, and update the input check program correspondingly. See 1975 4C-Meeting, minutes page 11. Use the agreed quantity sort of memo 4C-3/99 which is also to be used for CINDA76.

For the quantity definitions we have gradually added a substantial number of important comments on specific cases following various discussions and agreements since 1968 when NDCC issued its last Cinda Manual. These can be found on pages 3.7 to 3.12 of the NDS CINDA Manual (last version: 74-10-25 for pages 3.8 and 3.12, and 75-10-15 for the other pages). These are quite important to be added to the new NDCC CINDA Manual.

We regret that some actions put on NDS at the last 4C-Meeting concerning certain improvements in some quantitydefinitions have not yet been fulfilled. A separate 4C-Memo on these actions is being prepared.

Pages 36, 62: Lab and Ref-codes. Please add the important note:

"Do not use the dictionaries given at the end of the Cinda-books. These include superseded codes which have not yet been removed from the file. They also include code-expansions (as is the case of conference codes) which should not be used for input.

Use only the up-to-date CINDA/EXFOR dictionaries which are regularly provided by the Cinda center!"

Reason: We have permanent troubles with superseded codes. Often when we made an effort to remove them, the next Cinda book contained new entries with superseded codes. Also the Ref-sort would be improved, if the report-prefixes follow strictly the Cinda/Exfor dictionary, as agreed.

Page 45: Deletions.

We find it important to recommend the use of the comment field for entering the reason for the deletion. Compare page 4.4 of NDS Cinda Manual. When deletion entries are rejected by the update program, they are impossible to check without such a comment.

Pages 44-45: If the block-number rules of NDS are included at all, use exactly pages 3.17 and 3.18 of the NDS Cinda Manual; otherwise omit. The present wording in the NDCC Manual is incomplete and in some items incorrect.

Page 67: Conference proceedings in a report series.
The Exfor Manual says on page VIII.9: "If the conference proceedings are issued within a report-series, so that it can be identified with a report-number, then the report-number must be used - not the conference-code."

This rule had always been the practice in Cinda, and we believe that it should be continued. In most libraries such proceedings are stored within the report-series.

<u>Page 73</u>: "NODATA" Exfor entry. We do not agree to the "Note" on the top
of page 73, which has not been agreed by the Four Centers. The matter
is more complex, e.g. related to the question of introducing a hierarchy
D+N (index lines not to appear in the book). A proposal should be sub-
mitted to the Four Centers in a 4C-Memo.

<u>Page 80</u>: "Reader" codes. Please include in the Manual (or at least
provide us with) a <u>complete</u> list of "reader" codes existing in the file.
For checking purposes, it is often important to know who had made a
specific entry.