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**Memo CP-C/266**

**DATE**: April 3, 2000
**TO**: Distribution
**FROM**: V. McLane
**SUBJECT**: CINDA 2001 Format

As a result of comments by Mark Kellett and Otto Schwerer and of discussions on future plans for our CSISRS (EXFOR) database, I propose the following change to the CINDA 2001 format.

The quantity field for CINDA will be taken from the DANIEL Dictionary 13 (Reaction Type). Reaction type is a 4-character code. The existing dictionary will be looked at and modified to suit our future needs. (At present there are 86 entries in the dictionary).

Attached is an updated format proposal.

Distribution:

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## CINDA2000 Exchange Format

The quantity field is shortened to 4 characters. I have added the 5 characters to the comment field (this is arbitrary, can be longer or shorter).

The fields are as follows.

| Columns | Contents | Formats | Example |
|---|---|---|---|
| 1 | Operation code | A1 | As in CINDA |
| 2-8 | Z,A | 2I3 | ZZZAAA |
| 9-23 | Reaction | A15 | Generally, EXFOR REACTION SF2-SF4 |
| 24-27 | Quantity | A4 | From DANIEL Dictionary 13. |
| 28-33 | Laboratory | A6 | EXFOR code without area code |
| 34-37 | Block # | A1,I3 | Area code, followed by center assigned block # |
| 38-39 | Sequence # | I2 | Sequence within block |
| 40 | Work type | A1 | As in CINDA[1] |
| 41 | Reader code | A1 | At discretion of center (blanks allowed)[2] |
| 42-55 | Energy range | 2(E7.1) | Min + max in format: `+n.n+ee` |
| 56 | Hierarchy code | I1 | Hierarchy for references |
| 57-85 | Reference | A23,I6 | Type: as in CINDA (A1),<br>Reference code: as in EXFOR (A22),<br>Date: year and month (YYYYMM) |
| 86-125 | Comment | A40 | As in CINDA |

[1] With the exception that the mixed mode codes will be eliminated. For example, entries for theoretical calculations will be separated from experimental data.

[2] That is, centers may choose not to use a reader code.