MEMO CP-C/67

Date: August 31, 1979
From: V. McLane
Subject: Reference codes
Reference: CP/N-2/3, CP-D/84

General

In the past, the rules for the coding of references were not spelled
out in sufficient detail. As a result, different interpretations seemed
to have evolved at NDS and NNDC. It may be too late to impose some stan-
dardizations, but this would be useful to explore.

1.) Issue Number

The 'clarification' proposed in memo CP-D/84 does involve a new
coding rule, since in the past the issue number field could have any content.
We would agree to not allowing commas in this field (assuming they have
not been used in the past). It <u>would</u> be useful, however, to standardize
the separator at this point, for future uses, such as sorting. We suggest
(2/3), but have no real preference. The EXFOR Manual entry would read:

> <u>Issue-number subfield</u>, if present, contains the issue-number,
> enclosed in parenthesis. Generally, it may have any content,
> however, commas should be avoided. In the case of a double
> issue of a journal, both issue-numbers may be included,
> separated by a '/', e.g., (2/3).

2.) EXFOR Manual page VIII.R.9, Item 5.

We do not agree that this rule applies only to reports. We have
used it for theses and conferences, so far, and prefer to keep it general.

3.) Exclusion of parentheses and commas from all subfields

We would agree to this, assuming they have not been used previously.
We would prefer to put these exceptions to 'any content' where they occur.

Attached is a proposed update for the EXFOR entry on reference.

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REFERENCE

1. Used to give information on references which contain information on the work for which the data are coded. Sell also LEXFOR Reference.

2. Keyword is compulsory and must have coded information.

3. The general coding format consists of 3 main fields.

   (type of reference, reference, date)

   No embedded blanks are allowed

   Type of Reference. This field must be present and must contain a code from Dictionary 4.

   Reference. The coding for this field consists of up to four subfields depending on the type of reference. The first subfield must be present. The order of the subfields of the code is important and must be maintained, even though some subfields may be omitted. If a subfield is omitted, the extra separating comma must be included, except in the case:

   a) of a parenthesised subfield
   b) when the omitted subfield is the page number

   See type of reference; followed pages, for specific coding rules for each subfield.

   Date. This field must be present and must contain a code of the form YYMMDD (year, month, day, each two digits). The month and day may be omitted.

4. In the case of more than one reference, each reference must be coded separately, starting in Col. 12. The main reference is given first.

5. In the case of a document which has more than one identification number, all the identification numbers may be coded, within one set of parenthesis, each code being in parentheses and, separated from the other codes by '=' (an equal sign). The primary code shall be given first. (See LEXFOR Reference for definition of primary reference).

   e.g., ((R,USNDC-7,143,7306)=(R,EANDC(US)-181,1437306))

   The same rules apply for continuation records as those given under Reaction Combinations, page VIII.R.7.

6. The remaining character positions on the line following the closing parenthesis of the coding are reserved for a "mini-comment", giving further information about the reference
   e.g., GRAPH ONLY
      or ABSTRACT.

7. In the few cases, particularly with abstracts, when two works must be referenced which appear on the same page of a journal or report, the following practice should be followed:

   i) If a paper-number or paragraph-number is available it should be enclosed in parentheses following the page number.

      e.g., (J,XYZ,9,999(1122),6912)
          (J,XYZ,9,999(1573),6912)

ii) If this is not possible then the order in which they
appear on the page should be used.

eg.g, (J,XYZ,8,888(1),6911)
(J,XYZ,8,888(2),6911)

Following are the specific coding rules for given reference types.

Type of Reference = B or C: Books and Conferences

The reference field may contain up to 4 subfields: code, volume, part, page (paper number)

General coding forms:

    (B or C,Code,Volume,(Part),Page(paper number),Date)
    (B or C,Code,Volume,Page(paper number),Date)
    (B or C,Code,,Page(paper number),Date)
    (B or C,Code,,Date)

Code subfield contains a code from Dictionary 7.

Volume subfield may have any content, except commas or parentheses.

Part subfield, if present, is enclosed in parentheses and may have any content, except commas or parentheses. If omitted, following comma is also omitted.

Page (paper number) subfield, if present, contains:
            the page number which must be numeric
                        and/or
            the paper number, enclosed in parentheses,
            which may have any content, except commas or parentheses.
If omitted, the following comma is omitted.

Examples:

    a) (C,67KHARKOV,,(56),6702 = 1967 Kharkov Conference proceedings,
                                    paper number 56, February 1967.

    b) (C,66WASH,1,456,6603)   = 1966 Washington Conference proceedings,
                                  Volume No. 1, page 456, March 1966.

    c) (B,ABAGJAN,,123,64)   = Book by Abagjan, page 123, published in 1964.

    d) (B,MARION,4,(1),157,60) = Book by Marion, Volume 4, part 1, page 157
                                  published in 1960.

    e) (C,77KIEV,,7404)   = 1977 Kiev Conference, page or paper number
                                  unknown.

Type of Reference = J: Journals

The reference field may contain up to 4 subfields: Code, Volume, Issue-number, Page.

General coding form: (J,Code,Volume,(Issue-Number),Page,Date)

    Code subfield contains a code from Dictionary 5.

    Volume subfield may have any content.

    Issue-number subfield, if present, is enclosed in parentheses and may have
    any content, except commas or parentheses. If omitted, following comma is also
    omitted.
    Page (paper number) subfield, if present, contains:
                the page number which must be numeric
                            and/or
                the paper number, enclosed in parentheses,
                which may have any content, except commas or parentheses.
    If omitted, the following comma is also omitted.

Examples:
    a)   (J,PR,104,1319,5612) = Phys. Rev. Volume 104, page 1319, December 1956
    b)   (J,XYZ,5,(2),89,6602) = Journal XYZ, Volume 5, issue-number 2, page 89
                            February 1966