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MEMO CP-N/74

**DATE:** 19 September 2008  
**TO:** See distribution list below  
**FROM:** H. Henriksson  
**SUBJECT:** CINDA load errors and illegal format usage

1. The 'MNY' target code in CINDA

According to a decision by the NRDC CINDA entries are not allowed to be coded with the collective code 'MNY' for references describing experimental work. An examination of Area 2 data gives that there are in total 1002 lines (entries) with the code 'MNY'. Of these most describe theoretical work or reviews. There are however 125 entries with experimental data.

For the entire CINDA database the total number of lines is 3,178 divided on:

E	Experimental	218
T	Theoretical	1789
M	Experimental and theor.	83
C	Compilation	256
D	Evaluation	346
R	Review	486

Now, how should this be resolved? In a recent CINDA batch, a few lines were resolved by me and Naohiko, and it was seen that the experimental reports often discuss future measurements, and lists of proposed reactions to be measured. At most, some preliminary raw data are stated in the report, why the code could be replaced with this preliminary reaction or the entry could change work type. In a few cases it could be coded under 'Review'. The recent corrections are shown below:

A 13 27 N,P	CS	2JPNAG2286020011E2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410NP
A 92235 N,F	CS	2ITYBAU 1 11E2	8.0+00	2.0+01J,NIM/B,213,49	2004 Colonna+n_TOF raw data by PPAC	20050531NF
A 26 0 N,G	CS	2ITYBAU 1 11E2	1.1+03	1.3+03J,NIM/B,213,49	2004 Colonna+n_TOF capture yield by C6D6	20050531NG
A 79197 N,G	CS	2ITYTRI 1 11R2	1.0+00	1.0+05J,NIM/B,213,36	2004 Milazzo+n_TOF capture yield by C6D6	20050531NG
#A999MNY N,2N	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410N2N
#A999MNY N,A	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410NA
#A999MNY N,D	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410ND
#A999MNY N,T	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410NT
#A999MNY N,G	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410NG
#A999MNY N,NP	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410NPNP
#A999MNY N,P	CS	2JPNAG 150 11R2	1.3+07	1.5+07J,NIM/A,496,183	200301Kawade+Activ Oktavian HPGe	20040410NP
#A999MNY N,F	CS	2ITYBAU 150 11R2	1.0+00	1.0+08J,NIM/B,213,49	2004 Colonna+Cern N-ToF Ads Astro Ppac	20050531NF
#A999MNY N,G	CS	2ITYBAU 150 11R2	1.0+00	1.0+08J,NIM/B,213,49	2004 Colonna+Cern N-ToF Ads Astro Ppac	20050531NG
#A999MNY N,G	CS	2ITYTRI 150 11R2	1.0+00	2.0+07J,NIM/B,213,36	2004 Milazzo+Cern N-ToF Ads Astro Ppac	20050531NG

The experimental data entries will be examined in detail in the autumn by the NEA-DB if need be.

## 2. CINDA backup file of 13 June

The master CINDA file from NDS produced 13 June 2008 was loaded at the NEA and several format errors were found. Also several 'warnings', in the form of indication of obsolete, extinct or missing codes, were found, such as:

Warning: Country USA or Lab NBS Extinct  
Warning: Country JPN or Lab JCL Extinct  
Warning: Country JAP or Lab TSU Obsolete  
Warning: id=645: no quantity found for line #1253

These files could for the moment be ignored as this is normal for old entries. Note that missing quantity codes will always remain a 'problem' in old CINDA entries, as the information was not there in the past.

Below is a short summary of the findings regarding errors. The original files can be obtained on [www.nea.fr/html/dbdata/data/CINDA](http://www.nea.fr/html/dbdata/data/CINDA).

**CINDA load: in total 15 365 Errors.**

**722 errors: Bad Abstract/Conf code, empty Page subfield, comma should be omitted**

2005BRUSS , ,  
55GENEVA , ,  
...

**10 150 Bad Abstract/Conf code, invalid Conference code**

80SANTAFE  
82KHARKV  
83GAUSSI  
83MOSKOW  
95VANCOU  
ACR  
ACS  
AE  
AF  
AJ  
AND  
ANS  
PR/A  
PR  
...

**4 Bad Abstract/Conf code, third subfield (Part) must be enclosed in parenthesis**

64PARIS , 2 , , 1054

**300 Bad Book code, 1 tokens**

ABAGJAN  
ACT . EL  
BAARD  
BROND 71  
BROND 75  
BROND 78  
BROND 99  
FRC 76  
FRC

GAMMAATLAS  
KONSHIN  
LAPENAS  
PH-DAT13  
PH-DAT13-1  
PROKOFJEV  
REAC.CALC.  
TRANSU.EL.

**3 Bad Book code, empty Page subfield, comma should be omitted**

LANDOLT , ,

**11 Bad Book code, invalid Conference code**

PH-DAT11-1  
PH-DAT13-1  
PH-DAT13-5

**2 Bad EXFOR reference (length) or bad EXFOR reference (no full stop)**

EXFOR22089.0  
EXFOR0000.0003

**286 Bad Journal code third subfield (Issue#) must be enclosed in parenthesis**

AF , 29 , 4 , 33  
ANE , 1 , 5 , 311  
ANE , 7 , 9 , 495  
BAP , 24 , 7 , 866  
...

**5 Bad Journal code, 5 tokens**

IZV , 35 , ( 11 ) , 23 , 45

**63 Bad Journal code, empty Page subfield, comma should be omitted**

AE , 44 ,  
AE/S , 1 ,  
AK , 18 , ( 2 ) ,  
AK , 18 ,  
EEN , 64 ,  
JPR , 44 , ( 7 ) ,  
NC/A , 31 , ( 1 ) ,  
NCS , 301 ,  
NCS , 358 ,  
NCS , 370 ,  
NCS , 386 ,  
NSP/B , , ( SUPPL ) ,  
RCA , 30 , ( 1 ) ,  
SNP , 32 ,  
SPD , 837 ,

**3 Bad Journal code, invalid Journal code**

PSPS  
RPD

**547 Bad Report code, cannot decode Code-Number**

AAEC/APPR-1986  
AAEC/AP-PR-1986  
A-TMF-88,103  
A-TMF-88,91  
CEC(68)-6  
EANDC(U)-76U,175  
HEDL-TME71-143  
...

**1294 Bad Report code, empty Page subfield, comma should be omitted**

ACO/UK-1337,  
AEEW-R-163,  
AERE-M-1709,  
AERE-N/R-370,  
AERE-N/R-890,  
AERE-NP/GEN-16,  
AERE-NP/GEN-40,  
...

**2 Bad Report code, no hyphen to separate Code-Number**

BNAL,103

**307 Bad Report code, second subfield (Volume/Part) must be enclosed in parenthesis**

AERE-PR/NP-8,,7  
BNL-NCS-51245,1,375  
CEA-N-1798,,28  
EANDC-50,2,(165)  
EANDC-50S,,  
...

**17 Bad Thesis/PrivateComm/Preprint code, 3 tokens**

IN-,2P3,1092  
SWISS,PH,5  
SWISS,PH,S

**40 Bad Thesis/PrivateComm/Preprint code, 4 tokens**

AHP,TO,BE,PUBL  
CNP,TO,BE,PUBL  
NP,TO,BE,PUBL

**236 Bad Thesis/PrivateComm/Preprint code, empty Page subfield, comma to be omitted**

BARREAU,  
BENTLEY,  
BERGQUIST,  
...

**7 Bad value in Energy Min field**

- 3+05  
- 5+02  
TH

## 54 Empty WorkType

### 10 Energy Min field > Max field

[Fast ][ 2.5-02]  
[Fiss ][ 2.5-02]  
[Fiss ][ 9.9+05]  
[Tr ][ 1.0+05]  
[Tr ][ 2.0-03]  
[Tr ][ 4.0+05]

### 400 Energy Min field >= Max field

[ +03][ 5.8+02]  
[ 0.0+00][ 0.0+00]  
[ 1.0+06][ 1.0+06]  
[ 6.0+06][ 1.7+06]

### 1 EXFOR reference : subaccession number is 000

EXFOR13726.000

### 12 EXFOR reference : subaccession number is 001

EXFOR10542.001 EXFOR11047.001 EXFOR11811.001 EXFOR12148.001  
EXFOR21270.001 EXFOR21276.001 EXFOR21937.001 EXFOR30291.001  
EXFOR30540.001 EXFOR31463.001 EXFOR40081.001 EXFOR40822.001

### 10 No equal sign in additional info (line cut at position 140+255)

;#LAB=2FR  
ILL,1USAANL;#PROD=X-85,X-86,X-87,X-88,X-89,X-90,X-91,X-92,X-93,X-94,X-95,X-96,X-97,X-98,X-99,X-100,X-101,X-102,X-103,X-104,X-105,X-106,X-107,X-108,X-109,X-110,X-111,X-112,X-113,X-114,X-115,X-116,X-117,X-118,X-119,X-120,X-121,X-122,X-123;#REAC...

### 1 Unknown Data Library Reference

E

### 93 Unknown Institute

2GERCRC  
4CCPEPA  
4RUSIJI

### 11 Unknown Quantity

0DA  
8CSP

### 774 Unknown ReaderCode

E4

Best wishes,  
/ Hans Henriksson

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