

**NEA Data Bank  
12, boulevard des Iles  
92130 Issy-les-Moulineaux  
FRANCE**

Email: [exfor@oecd-nea.org](mailto:exfor@oecd-nea.org)

Tel: +33 (0) 1 45 24 10 84

**MEMO CP-N/104**

**DATE:** 11 April 2012  
**TO:** See distribution list below  
**FROM:** M. Bossant, N. Otsuka, E. Dupont, N. Soppera  
**SUBJECT:** Verification of citations in EXFOR  
**REFERENCE:** Memo CP-N/98  
Memo CP-D/706 (Conclusions and Actions of the 2011 NRDC meeting)

This memo is a follow-up of memo CP-N/98 in response to actions A30 and A31 decided at the May 2011 NRDC meeting:

- Send list of incorrect authors' names and titles to NRDC participants.
- Assess the report on incorrect authors' name and titles and add relevant mistakes to the EXFOR Feedback List.

The content of EXFOR-2012-03-18 master file was compared with citations retrieved from the publisher websites. The findings are presented in the following tables.

The first table contains subentries with citations that cannot be found by the tool whether they are present in REFERENCE, MONIT-REF or REL-REF keywords. The second table contains results of the analysis of REFERENCE, AUTHOR and TITLE keywords for main references. The last table contains invalid DOIs.

As usually each centre is responsible for assessing and applying the proposed correction(s).

**Distribution:**

**HUNGARY**

stakacs@atomki.hu  
tarkanyi@atomki.hu  
kiralryb@atomki.hu

**INDIA**

ganesan@barc.gov.in

**JAPAN**

chiba@earth.sgu.ac.jp  
katakura.junichi@jaea.go.jp  
kato@nucl.sci.hokudai.ac.jp  
nrdc@jcprg.org

**KOREA (REPUBLIC OF)**

jhchang@kaeri.re.kr  
yolee@kaeri.re.kr  
scyang@kaeri.re.kr

**P. R. OF CHINA**

gezg@ciae.ac.cn  
hongwei@ciae.ac.cn  
zhuangyx@ciae.ac.cn

**RUSSIAN FEDERATION**

s.babykina@polyn.kiae.su  
blokhin@ippe.ru  
samaev@obninsk.ru  
manokhin@ippe.ru  
mmarina@ippe.ru  
pronyaev@ippe.ru  
taova@expd.vniief.ru  
varlamov@depni.sinp.msu.ru

**UKRAINE**

kaltchenko@kinr.kiev.ua  
nklimova@kinr.kiev.ua  
ogritzay@kinr.kiev.ua  
vlasov@kinr.kiev.ua

**UNITED STATES OF AMERICA**

mwherman@bnl.gov  
oblozinsky@bnl.gov  
pritychenko@bnl.gov

**SLOVAKIA**

stanislav.hlavac@savba.sk

**International Organisations**

v.semkova@iaea.org  
n.otsuka@iaea.org  
v.zerkin@iaea.org  
l.vrapcenjak@iaea.org  
s.simakov@iaea.org  
r.forrest@iaea.org  
kiyoshi.matsumoto@oecd.org  
manuel.bossant@oecd.org  
nicolas.soppera@oecd.org  
emmeric.dupont@oecd.org

**Table 1: Citations that cannot be retrieved by the tool from publishers' websites. Typical error consists of using an incorrect journal code.**

Subentry	Keyword	Proposal	Remark	DOI or URL
13536.001	REFERENCE	J,JPR/C,51,(C6),515,9011 => J,JPR/C,51,C6-515,1990	Wrong Page	<a href="https://doi.org/10.1051/jphyscol:1990663">10.1051/jphyscol:1990663</a>
14054.001	REFERENCE	J,JALC,213,86,1994 => J,JALC,213-214,86,1994	Wrong Page	<a href="https://doi.org/10.1016/0925-8388(94)90885-0">10.1016/0925-8388(94)90885-0</a>
20240.001	REFERENCE	J,JPR/C,31,(2),129,7005 => J,JPR/C,31,C2-129,7005	Wrong Page	<a href="https://doi.org/10.1051/jphyscol:1970234">10.1051/jphyscol:1970234</a>
20447.001	REFERENCE	J,JPR/C,29,159,6801 =>	Wrong Page	<a href="https://doi.org/10.1051/jphyscol:1968153">10.1051/jphyscol:1968153</a>
20448.001		J,JPR/C,29,C1-159,1968		
20480.001	REFERENCE	J,JPR/S,31,217,197005 => J,JPR/C,31,C2-217,1970	Wrong Journal Code and Page	<a href="https://doi.org/10.1051/jphyscol:1970279">10.1051/jphyscol:1970279</a>
20530.001	REFERENCE	J,JPR/S,3210,231,7110 => J,JPR/C,32,C5b-231,1971	Wrong Journal Code, Volume and Page	<a href="https://doi.org/10.1051/jphyscol:19715132">10.1051/jphyscol:19715132</a>
20532.001				
20533.001				
20814.001	REFERENCE	J,JPR,23,254,6304 => J,JPR,24,254,1963	Wrong Volume	<a href="https://doi.org/10.1051/jphys:01963002404025400">10.1051/jphys:01963002404025400</a>
21076.001	REFERENCE	J,PPS/A,81,800,6305 => J,PPS,81,800,6305	Wrong Journal Code	<a href="https://doi.org/10.1088/0370-1328/81/5/302">10.1088/0370-1328/81/5/302</a>
21143.001	REFERENCE	J,NWS,50,236,63 => J,NWS,50,397,1963	Wrong Page	<a href="https://doi.org/10.1007/BF01178594">10.1007/BF01178594</a>
21156.001	REFERENCE	J,JP/G,3,99,1977 => J,JP/G,3,L99,1977	Wrong Page	<a href="https://doi.org/10.1088/0305-4616/3/5/003">10.1088/0305-4616/3/5/003</a>
21177.001	REFERENCE	J,JPR/C,27,(1),61,196603 => J,JPR/C,27,C1-61,196603	Wrong Page	<a href="https://doi.org/10.1051/jphyscol:1966123">10.1051/jphyscol:1966123</a>
21177.001	REFERENCE	J,JPR/C,27,(1),84,196603 => J,JPR/C,27,C1-84,196603	Wrong Page	<a href="https://doi.org/10.1051/jphyscol:1966139">10.1051/jphyscol:1966139</a>
21264.001	REFERENCE	J,NC,11,457,195903 => J,NCS,11,457,195903	Wrong Journal Code	<a href="https://doi.org/10.1007/BF0276453">10.1007/BF0276453</a>

22271.001	REFERENCE	J,NIM/B,56/57,492,1991 => J,NIM/B,56-57,492,1991	Wrong Volume	<a href="https://doi.org/10.1016/0168-583X(91)96078-Y">10.1016/0168-583X(91)96078-Y</a>
22856.001	REFERENCE	J,PR/C,68,24604,200308 => J,PR/C,68,024604,2003	Wrong Page	<a href="https://doi.org/10.1103/PhysRevC.68.024604">10.1103/PhysRevC.68.024604</a>
22972.001	REFERENCE	J,NIM/B,289,739,2007 => J,NIM/B,259,739,2007	Wrong Volume	<a href="https://doi.org/10.1016/j.nimb.2007.01.211">10.1016/j.nimb.2007.01.211</a>
23100.003	REL-REF	J,INC,2,205,1956 =>	Wrong Journal Code	<a href="https://doi.org/10.1016/0022-1902(56)80045-6">10.1016/0022-1902(56)80045-6</a>
23108.001	REFERENCE	J,JIN,2,205,1956		
30321.001	REFERENCE	J,JP/C,11L,899,1978 => J,JP/C,11,L899,1978	Wrong Volume and Page	<a href="https://doi.org/10.1088/0022-3719/11/23/001">10.1088/0022-3719/11/23/001</a>
31412.001	REFERENCE	J,JP/G,17,169L,1991 => J,JP/G,17,L169,1991	Wrong Page	<a href="https://doi.org/10.1088/0954-3899/17/9/005">10.1088/0954-3899/17/9/005</a>
31429.001	REFERENCE	J,JP/G,20,(2),33L,1994 => J,JP/G,20,L33,1994	Wrong Page	<a href="https://doi.org/10.1088/0954-3899/20/2/002">10.1088/0954-3899/20/2/002</a>
40158.001	REFERENCE	J,SJA,22,500,196705	No mistake (Springer's fault)	<a href="https://doi.org/10.1007/BF01175215">10.1007/BF01175215</a>
40250.001	REFERENCE	J,SJA,36,355,1974	No mistake (Springer's fault)	<a href="https://doi.org/10.1007/BF01229346">10.1007/BF01229346</a>
40467.001	REFERENCE	J,AE/T,41,808,1976 => J,SJA,41,808,1976	Wrong Journal Code	<a href="https://doi.org/10.1007/BF01241062">10.1007/BF01241062</a>
40659.001	MONIT-REF	J,JPJ,17,335,62 => J,JPJ/S,17,(B-II),335,1962	Wrong Journal Code	<a href="http://www.osti.gov/energycitations/product.biblio.jsp?osti_id=4630090">www.osti.gov/energycitations/product.biblio.jsp?osti_id=4630090</a>
A0477.001	REFERENCE	J,CZJ/B,40,29,1990 => J,CZJ,40,29,1990	Wrong Journal Code	<a href="https://doi.org/10.1007/BF01598352">10.1007/BF01598352</a>
A0482.001	REFERENCE	J,CZJ/B,40,38,1990 => J,CZJ,40,38,1990	Wrong Journal Code	<a href="https://doi.org/10.1007/BF01598353">10.1007/BF01598353</a>
A0637.001	REFERENCE	J,JP/G,12,133,1986 => J,JP/G,12,L133,1986	Wrong Page	<a href="https://doi.org/10.1088/0305-4616/12/6/001">10.1088/0305-4616/12/6/001</a>
A0831.001	REFERENCE	J,PS,T32,89,1990	Need a new journal code (PS/T)?	<a href="https://doi.org/10.1088/0031-8949/1990/T32/015">10.1088/0031-8949/1990/T32/015</a>
C0498.001	REFERENCE	J,CJP,47,1667,1969 => J,CJC,47,1667,1969	Wrong Journal Code	<a href="https://doi.org/10.1139/v69-274">10.1139/v69-274</a>

C0553.001	REFERENCE	J,JPR/C,4,459,1984 => J,JPR/C,45,C4-459,1984	Wrong Volume and Page	<a href="https://doi.org/10.1051/jphyscol:1984435">10.1051/jphyscol:1984435</a>
C0932.001	REFERENCE	J,CJP,61,641,1983=> J,CJC,61,641,1983	Wrong Journal Code	<a href="https://doi.org/10.1139/v83-117">10.1139/v83-117</a>
C1424.001	REFERENCE	J,JP/G,15,91,1989 => J,JP/G,15,L91,1989	Wrong Page	<a href="https://doi.org/10.1088/0954-3899/15/5/006">10.1088/0954-3899/15/5/006</a>
D0091.001	REFERENCE	J,JP/C,31,205,1970 => J,JPR/C,31,C2-205,1970	Wrong Journal Code and Page	<a href="https://doi.org/10.1051/jphyscol:1970273">10.1051/jphyscol:1970273</a>
D0486.001	REFERENCE	J,CP,16,989,2007 => J,CPH,16,989,2007	Wrong Journal Code	<a href="https://doi.org/10.1088/1009-1963/16/4/021">10.1088/1009-1963/16/4/021</a>
E1533.001	REFERENCE	J,JPJ,36,5,1974 => J,JPJ,36,1236,1974	Wrong Page	<a href="https://doi.org/10.1143/JPSJ.36.1236">10.1143/JPSJ.36.1236</a>
F1085.001	REFERENCE	J,NP/A,84,629,1966 => J,NP,84,629,1966	Wrong Journal Code	<a href="https://doi.org/10.1016/0029-5582(66)91020-0">10.1016/0029-5582(66)91020-0</a>
M0686.007	REL-REF	A.VEISSIERE+ ,J,JP/G,32,267,1975 => A.Veyssiere+,JPR/L,36,267,1975	Wrong Journal Code, (Delete L0006006)	<a href="https://doi.org/10.1051/jphyslet:019750036011026700">10.1051/jphyslet:019750036011026700</a>
O0519.001	REL-REF	J,JP/G,4,12903,1978 => J,JP/G,4,1903,1978	Wrong Page	<a href="https://doi.org/10.1088/0305-4616/4/12/010">10.1088/0305-4616/4/12/010</a>
O0559.002-008	MONIT-REF	W.H.Burgus+,J,JCP,45,165,1948 => K.Goebel+,J,NP,24,28,1961 D.HALL+,J,JIN,19,16,1961=> J.B.Cumming,J,ARN,13,261,1963	Wrong Journal Code, Volume and Page	
O1425.001	REFERENCE	J,AJ,630,105,2005 => J,AJ/L,630,L105,2005	Wrong Journal Code and Page	<a href="https://doi.org/10.1086/491732">10.1086/491732</a>
O1648.001	REFERENCE	J,JP/S,31,1953,2005 => J,JP/G,31,S1953,2005	Wrong Journal Code and Page	<a href="https://doi.org/10.1088/0954-3899/31/10/109">10.1088/0954-3899/31/10/109</a>
O1654.001	REFERENCE	J,JP/S,31,1953,2005 => J,JP/G,31,S1953,2005	Wrong Journal Code and Page	<a href="https://doi.org/10.1088/0954-3899/31/10/109">10.1088/0954-3899/31/10/109</a>
O1889.001	REFERENCE	J,EPJ/CS,8,070129,2010 => J,EPJ/CS,8,07012,2010	Wrong Page	<a href="https://doi.org/10.1051/epjconf/20100807012">10.1051/epjconf/20100807012</a>

**Table 2: Citations that were retrieved by the tool but which content is not as expected. These citations were manually checked one by one by comparing data from the web page against data in EXFOR. No check has been performed with hard copies except where noted.**

Subentry	Keyword	Proposal	Remark	DOI or URL
21038.001	TITLE	The Average Neutron Total Cross Sections of Heavy Elements at Low Energy		<a href="https://doi.org/10.1088/0370-1298/70/1/307">10.1088/0370-1298/70/1/307</a>
21038.001	AUTHOR	P.A.EGELSTAFF => D.B.Gayther,K.P.Nicholson		
21363.001	REFERENCE	J,PPS/A,64,388,5108 => J,PPS/A,65,761,1952	Wrong Volume and Page	<a href="https://doi.org/10.1088/0370-1298/65/9/111">10.1088/0370-1298/65/9/111</a>
C1298.001	TITLE	Neutron Production from Proton and Deuteron Bombardment of Nickel		<a href="https://doi.org/10.1063/1.1715707">10.1063/1.1715707</a>

**Table 3: incorrect DOIs**

Subentry	Reference	Proposal	Remark	DOI or URL
41158.001	J,NIM/A,293,555,1990	10.1016/168-9002(90)90323-X => 10.1016/ <del>0</del> 168-9002(90)90323-X	Add '0'	<a href="https://doi.org/10.1016/0168-9002(90)90323-X">10.1016/0168-9002(90)90323-X</a>
41582.003	A,,K.Skarsvag,J,NP/A,153,82,1970	10.1016/0375-9474(70)907757-8 => 10.1016/0375-9474(70)90757-8	Remove '7'	<a href="https://doi.org/10.1016/0375-9474(70)90757-8">10.1016/0375-9474(70)90757-8</a>
M0384.001	J,PL/B,286,229,1992	10.1016/0370-2693(92)1767-4 => 10.1016/0370-2693(92) <del>9</del> 1767-4	Add '9'	<a href="https://doi.org/10.1016/0370-2693(92)91767-4">10.1016/0370-2693(92)91767-4</a>