

**Nuclear Data Section  
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**Memo CP-D/634**

**Date:** 9 April 2010  
**To:** Distribution  
**From:** V. Zerkin  
  
**Subject:** X4Map and X4Archive

Proposal-1: X4Map

To maintain a page with summary information about EXFOR contents: zones of responsibility, map with occupied and free accession numbers, TRANS numbers, first reference and author, number of Subentries and data points. It can help in assigning new Entry number, find Entries with NODATA, duplications of references, etc.

Examples of map cells:

Duplicated reference,  
nodata

```
178) 30184/19 nodata  
1966, F.Cvelbar  
J,NIM,44,292,196610  
TRANS.3126:20080530
```

Free addresses

```
Empty: 30131-30132
```

Entry/number of subent,  
number of data points

```
380) A0388/7 pt:345  
1988, L.P.Korda  
R,KHFTI-88-52,1988  
TRANS.A063:20080901
```

[http://www-nds.iaea.org/exfor-master/working/x4map/last\\_x4map.htm](http://www-nds.iaea.org/exfor-master/working/x4map/last_x4map.htm)

Proposal-2: X4Archive

To maintain FTP site containing all versions (updates) of every ENTRY: one directory for one ENTRY, and one file for every official version of every subentry. File name includes N1, N2, TRANS file name, e.g.

A06/A0603/A0603002\_20091029(trans.a066\_nds.zip).txt

This will allow to follow was full history of every ENTRY, and find old versions and recover old data if necessary.

<http://www-nds.iaea.org/exfor-master/working/x4history/x4arc/>

**Distribution:**

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**cc:**