Memo CP-D/666

Date: 8 September 2010
To: Distribution
From: N. Otsuka, S. Dunaeva

Subject: **Updates of four NRDC manuals and documents**

We are now working for updates of four NRDC manuals (EXFOR Formats Manual and LEXFOR) and documents (NRDC Protocol and Network Document). The latest versions of these manuals and documents now become available as WS2010-01rev to WS2010-04rev on the Workshop website (http://www-nds.iaea.org/nrdc/wksp_2010/).

EXFOR Formats Manual and LEXFOR
They were revised based on discussion in the EXFOR Workshop. These drafts are still open for your comments until the end of September as proposed in Memo CP-D/662. Approval of these two manuals will be asked in the next NRDC meeting (2011).

NRDC Protocol and Network Documents
They have been already approved in the NRDC 2010 Meeting, and open for your comments on editorial mistakes only by the end of September. The revised Network Document will be printed and signed by Centre Heads in the next full NRDC meeting (2012).

Revisions asked by the NRDC 2010 meeting
The NRDC 2010 meeting also asks corrections to the NRDC Protocol in Action 2 "Add all standing actions to the NRDC Protocol." Accordingly all standing actions (and also one continuing action) from the meeting were analyzed for revision.

1. A4 (All), A11 (All), A57 (All):
   These are suitable for addition to the NRDC Protocol.

2. A24 (Dupont), A42 (NDS), A60(Sarov):
   These are tasks assigned to the specific centres, and suitable for addition to "Unique responsibilities within the Network" of the Network Document. NEA Data Bank and CNPD agree with this proposal.

3. A58 (All), A59 (All), A62 (All):
   These actions recommend all centres to provide feedback to the centres maintaining four codes (GSYS, ZCHEX, JANIS-TRANS Checker). Because there has been the following sentence in the NRDC Protocol:

   Each Centre using one of these programs is invited to contribute suggestions for updates to the program. The originating Centre will inform other Centres

about codes being used or developed, and also coordinate all program updates.

, addition of these code names under "Unique responsibilities within the Network" of the Network Document" as a definition of "originating Centre" for each code is suitable. JCPRG and NEA Data Bank agree with this proposal.

4. A34 (All), A39(All), A44 (Otsuka):
   They are relevant to revision of LEXFOR and EXFOR Formats Manual. They are considered in the last drafts of these two manuals.

5. A40 (All)
   This is more relevant to Short Guide for EXFOR Compilers maintained by CJD. It was added in to the latest version of the Guide by M. Mikhaylyukova.

All these corrections are summarized below.

			Action (NRDC2010)	**will be substituted by**
1	A4	All	(Standing Action) All Centres should give highest priority to compiling new publications.	**NRDC Protocol - EXFOR Protocol – Data Compilation Responsibility:** "A first priority is given to compile recently published data."
2	A11	All	(Standing Action) Scan national journals and send results to NDS. See also first proposal of WP2010-14.	**NRDC Protocol - EXFOR Protocol – Journal Scanning Responsibility:** (See end of the memo.)
3	A24	Dupont	(Standing Action) Distribute JANIS–TRANS Checker Log list on every preliminary TRANS-file.	**Network Document - Unique responsibilities within the Network (NEA DB):** "Distribution of comments on new EXFOR exchange files based on codes developed by the NEA Data Bank."
4	A34	All	(Standing Action) Create "dummy" EXFOR file if it is impossible to find experimental data.	It has been already mentioned in **LEXFOR – Status** as follows: "Unobtainable Data In the case where a centre is aware that data exist, but the centre is unable to obtain the data, an entry may be made in EXFOR to inform the other centres (and their users) of the status of the data; this will eliminate many repeated requests for the same data and needless bookkeeping concerning data which will be entered into the system with extensive delays or not at all."

5	A39	All	(Standing Action) When coming across report codes in Dictionary 6, which differ significantly from what is shown on the report cover, submit additional explanation to NDS for inclusion.	**EXFOR Formats - Manual Chapter 7 – REFERENCE - Type of Reference = P or R or S: Progress Reports / Reports / Conference Reports.** (as a footnote) "When coming across report codes in Dictionary 6, which differ significantly from what is shown on the report cover, submit an explanation by a memo for inclusion to the dictionary."
6	A40	All	(Standing Action) Run CHEX in TRANS mode (not DATA mode) when checking new entries or TRANS files, to make sure that all important errors are found.	**Short Guide for EXFOR compilers** "Use CHEX code in TRANS mode to detect format and coding errors."
7	A42	NDS	(Standing Action) Assess the need for undertaking both trivial and non-trivial compilation corrections, and inform responsible Centres.	**Network Document - Unique responsibilities within the Network (NDS):** "Assessment of the need for undertaking both trivial and non-trivial compilation corrections, and notification to responsible Centres."
8	A44	Otsuka	(Standing Action) Add this action to EXFOR Manual: "Use alteration flags in col. 11 of ENTRY and SUBENT lines in re-transmission (also optional for all corrected lines in col. 80)".	**EXFOR Formats - Manual Chapter 8:** "Alteration flags in retransmitted entries/subentries must be given on the entry/subentry level, i.e. in **col. 11** of the **ENTRY** and **SUBENT records**." (Similar sentence has been in this chapter.)
9	A57	All	(Standing Action) Inform each other about EXFOR-related software being used and/or developed.	**NRDC Protocol - EXFOR Processing and Retrieval Codes:** "The originating Centre will *inform other Centres about codes being used or developed,* and also coordinate all programs updates." (which substitutes the current sentence: "The originating Centre will coordinate all program updates.")

10	A58	All	(Standing Action) Provide feedback on the digitizing software GSYS to JCPRG.	**Network Document - Unique responsibilities within the Network (JCPRG)**: "Development, maintenance and distribution of the Japanese digitizing code (GSYS)."
11	A59	All	(Standing Action) Provide feedback to NDS on the existing CHEX version (on bugs as well as desired additions)	**Network Document - Unique responsibilities within the Network (NDS)**: "Development, maintenance and distribution of the EXFOR exchange file checking code (ZCHEX).".
12	A60	Sarov	(Continuing Action) Continue development and testing of the EXFOR-Editor in cooperation with NDS and other data Centres, taking into account compilers' remarks.	**Network Document - Activities within Network.** "Development, maintenance and distribution of the Russian EXFOR input system (EXFOR-Editor)." CNPD agrees.
13	A62	All	(Continuing Action) Provide feedback on the JANIS-TRANS Checker code to NEA DB.	**Network Document - Unique responsibilities within the Network (NEA DB)**: "Development, maintenance and distribution of the JANIS-TRANS Checker code for EXFOR exchange file checking."

Journal Scanning Responsibility (WP2010-14, addition to NRDC Protocol)
NDS will assign areas of responsibility for journal scanning. Each centre will report the list of publications containing data belong to the category A regularly. The currently assigned scanning responsibilities are given in Appendix B of this Protocol.

Appendix B : Scanning Responsibility

Centre	Responsibility
NNDC	PR/C, PRL, NSE
NEA-DB	ANE, RCA
NDS	ARI, CNP, NP/A, PL/B, NIM/A, NIM/B
CJD	YK
CAJaD	YF, EPJ/A
CDFE	
CNDC	CST, PHE, HFH, NTC, CPL, CNDP, CNST, ASI, CPH
JCPRG	JPJ, PTP, NST, JNRS
JAEA	JAEA-C
ATOMKI	AHP, JRN, JRN/L

UkrNDC	UFZ, VAT/I
CNPD	
BARC	IPA
KAERI	

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