**Nuclear Data Section**

**International Atomic Energy Agency**

**P.O.Box 100, A-1400 Vienna, Austria**

**Memo CP-D/934**

**Date:** 31 May 2017

**To:** Distribution

**From:** N. Otsuka

**Subject: NRDC2017 – Conclusions and Actions**

Drafts of Conclusions and Actions of the 2017 NRDC meeting are appended to this memo. Please give your comments by 31 June 2017.

The following major changes were introduced after the meeting:

1. One conclusion was added to express our acknowledgement to CNPD’s contribution to NRDC for 20 years (proposed by CNPD).
2. One action to all (compilation of articles in NSR but not in EXFOR) was changed to another action to Valentina (submit the final version of the article list).
3. One action to me (addition of WP2017-32 to the Feedback List) was deleted because it was done before the meeting.
4. One action to Saxena (scanning of Pramana and Indian Journal of Pure and Applied Physics) was deleted because the scanning till 2016 was completed by NDPCI and NDS.

The complete meeting summary will, as usual, then be published as an INDC report. Please let me know by 31 June 2017 if you would like to (1) receive a hard copy of the report, and/or (2) add paragraphs describing your contribution in the report.

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**Conclusions and Actions of the NRDC 2017 Meeting**

**(Draft Ver. 2017-05-31)**

**Conclusions**

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| **General** | |
| C1 | The next full NRDC meeting will be held in Bahadurgarh, India from 1 to 4 May 2018. (N.B. the 2018 WPEC meeting will be from 14 to 18 May.) |
| C2 | The next technical NRDC meeting will be held in Vienna, Austria in the 2nd quarter of 2019. |
| C3 | The NRDC congratulates on CNPD’s 20 years of dedication to the NRDC activity through compilation of charged-particle induced reaction data as well as compilation software development. |
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| **EXFOR General** | |
| C4 | Centres must check periodically the list of the outstanding articles maintained by NDS (“Article Allocation List”), and inform NDS periodically necessary updates (e.g., assignment of an entry number, article not for compilation, article for compilation by another centre). |
| C5 | CNPD, JAEA NDS and UkrNDC perform their responsibility for scanning of new publications regularly (WP2017-03). |
| C6 | Centres must finalize preliminary tapes as soon as the required period for comments elapses (one month). In case of disagreement with the proposed corrections the centres shall try to clarify the situation and resolve the issues (WP2017-04). |
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| **Manuals and Dictionary** | |
| C7 | Revisions of the EXFOR Formats Manual Chapter 7 “REFERENCE” proposed in CP-C/452=WP2017-08 and CP-D/920=WP2017-33 were approved. |
| C8 | Revision of the EXFOR Formats Manual Chapter 7 “STATUS” proposed in CP-D/915 =WP2017-09 was approved. |
| C9 | Revision of the EXFOR/CINDA Dictionary Manual “Dictionary 227” proposed in CP-D/917 =WP2017-10 was approved. |
| C10 | A new facility code is not necessary for Pelletrons. Single ended and tandem types of Pelletrons will be coded by VDG and VDGT, respectively, as proposed in CP-D/922 = WP2017-12. |
| C11 | The analysis code RFN (R-function formalism) will be obsolete. The R-function formalism is a special case of the Reich-Moore formalism as summarized in CP-D/931 = WP2017-13, and the resonance parameters derived from this formalism must be coded with RM (Reich-Moore formalism) in REACTION SF8. |
| C12 | The branch code MAS (total mass) and the quantity codes having this branch code will be obsolete. The mass fission yield (MAS,FY) and secondary fission yield (SEC,FY) are the same quantity as discussed in CP-D/929=WP2017-14. |
| C13 | An up-to-date Dictionary 3 (Institutes) could be useful to provide a list of nuclear physics institutions to the nuclear physics community (CP-C/455=WP2017-38). |
| C14 | Centres are responsible to maintain the explanations of the institute codes belonging to their geographical areas up-to-date. |
| **EXFOR Compilation Needs** | |
| C15 | Centres are encouraged to scan the domestic journals published in their geographical areas in the past, and to submit a list of the articles missing in EXFOR as done by NDPCI for Indian journals (CP-D/910=WP2017-18). |
| C16 | Compilation of data corrected or reassessed by other than the author (REACTION SF9=CRCTD) and data derived by other than the author (REACTION SF9=DEROT) could be useful as long as they are kept under a specialized area (e.g., area V) and the data are published with the procedure to obtain them. |
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| **EXFOR Quality Control** | |
| C17 | The NRDC appreciates Emmeric Dupont for his systematic assessments of the outliers observed in the JANIS Book for photon and light charged-particle induced reaction cross sections in EXFOR presented in CP-D/926 (=WP2017-25). |
| C18 | Compilers are reminded to keep all important alterations (History code A) under the HISTORY records of the affected data subentries. |
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| **EXFOR Coding Rule** | |
| C19 | The reaction yield divided by areal density (4C-3/406=WP2017-29) will be coded by the quantity code ,SIG,,TTA. |
| C20 | HM (half-maximum) will be deleted from the expansions of EN-RSL-HW and EN-RSL-FW and their derivatives, and their details will be explained in free text under INC-SPECT as proposed in CP-D/932 = WP2017-31. |
| C21 | (1) If there is an INDC report number for a report coded under REFERENCE, it must be always coded. (2) When a report has two or more report numbers, the primary report number must be always coded. (3) Compilers should keep a uniform style within a series. Compilers are recommended to omit insignificant symbols such as distribution codes if these are not needed to identify a report (e.g., INDC reports). |
| C22 | The parameter code TMP (temperature-dependent quantity) will be obsolete. Temperature dependent quantities will be indicated by the modifier TMP as proposed in CP-D/928=WP2017-35. |
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| **Evaluated Data Libraries** | |
| C23 | The NRDC recommends NDS a future CRP for evaluation of fission yield data. |
| C24 | The NRDC has received BROND-3.1 from CJD for dissemination. NRDC appreciate efforts of Marina Mikhailiukova and Dmitry Voitenkov. |
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| **Tools for Compilation and Dissemination** | |
| C25 | An improved REACTION input window and floating decimal point number processing are implemented in the EXFOR-Editor Ver.3.1. |
| C26 | A new tool for transformations of Web-ZVView outputs was developed for validation of data digitized from distorted figure images (WP2017-Z1). |
| C27 | Centres should cooperate in EXFOR web dissemination and development (e.g., the EXFOR web system developed by NDS in close cooperation with NNDC.) |
| C28 | The NRDC supports further collection of EXFOR pdf files. |
| C29 | Centres are encouraged to make their library resources (e.g., laboratory reports) public. NDS will draft corresponding letters, if necessary. |
| C30 | Centres are encouraged to publish numerical data received from the authors as an INDC report so that EXFOR users have access the materials provided by the authors. |
| C31 | Submission of EXFOR promotion materials (booklet and poster) prepared by CNPD was appreciated by the NRDC. |
| C32 | An EXFOR output (like the computational format) for directly measured and indirectly measured (e.g., by a surrogate reaction) fission yields could be useful. |
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**Actions**

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| **EXFOR General** | | |
| A1 | All | (Standing action) Give the highest priority to compilation of new articles. |
| A2 | All | (Standing action) Correct erroneous entries listed on the EXFOR Feedback List according to the indicated priorities. All urgent corrections must be done by the next meeting. |
| A3 | Otsuka | Revise the initial draft of the table of contents for the EXFOR reference paper (WP2017-07) as per the comments from the centres. |
| A4 | All | Propose Otsuka by the end of 2017 (1) corrections and additions to the initial draft of the table of contents for the EXFOR reference paper (WP2017-07), and also (2) topics to which the centre will be responsible. |
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| **Manuals and Dictionaries** | | |
| A5 | Otsuka | (Continuing action) Update Dictionaries every four months. |
| A6 | Otsuka | (Continuing action) Revise the EXFOR Formats Manual for (1) “DECAY-DATA” and “RAD-DET” (CP-D/874=WP2016-28), (2) “Reaction specification” (CP-D/880 Rev.=WP2016-29, CP-D/896=WP2016-33), (3) “LEVEL-PROP” (CP-D/882=WP2016-30), (4) “ERR-ANALYS” (CP-D/894 Rev.=WP2016-32), (5) “FACILITY” (CP-D/899=WP2016-34), (6) “REFERENCE” (CP-C/452=WP2017-08, CP-D/920=WP2017-33, (7) “STATUS” (CP-D/915=WP2017-09), (8) “INC-SPECT” (CP-D/932=WP2017-31). |
| A7 | Otsuka | (Continuing action) Revise LEXFOR for (1) "Thermal Neutron Scattering" (4C-3/403 =WP2016-08), (2) “Fission Yields” (CP-D/895=WP2016-09), (3) “Thick- and thin-target yields” (CP-D/893=WP2016-31), (4) “Isomeric flags” (CP-D/896=WP2016-33), (5) “Status” (CP-D/904=WP2016-35, CP-C/443=WP2016-36), (6) “Sample” (CP-D/928=WP2017-35). |
| A8 | Otsuka | Revise the EXFOR/CINDA Dictionary Manual for the contents of the dictionary 227 (CP-D/917=WP2017-10). |
| A9 | Otsuka | Add explanation on the usage of VDG and VDGT for Pelletrons in dictionary 18 (CP-D/922=WP2017-12). |
| A10 | Otsuka | Make the analysis code RFN obsolete (CP-D/931=WP2017-13). |
| A11 | Otsuka | Submit a revision of LEXFOR “Multilevel Resonance Parameters” to clarify the relation of the R-function formalism and Reich-Moore formalism (CP-D/931=WP2017-13). |
| A12 | Otsuka | Make the branch code MAS and quantity codes having MAS obsolete (CP-D/929=WP2017-14). |
| A13 | Otsuka | Submit a revised EXFOR Formats “Reference” according to Conclusion 10 (Coding of INDC report number and primary report number etc. See also CP-D/912=WP2017-34). |
| A14 | Otsuka | Make the parameter code TMP and quantity codes having TMP obsolete (CP-D/928=WP2017-35). Also add the new modifier code and relevant quantity codes to the dictionary. |
| A15 | Otsuka | Check if all typical combinations of the fields and subfields are provided as examples in the EXFOR Formats Manual “REFERENCE”. |
| A16 | Zerkin | (Continuing action) Summarize the role of family flags (also known as family codes, c.f. EXFOR Formats Manual Chapter 6) in systems (c.f. WP2017-11). |
| A17 | Soppera | Check if there is a field or subfield which cannot be uniquely identified within the current coding rule described in the revised EXFOR Formats Manual “REFERENCE” (CP-D/920=WP2017-33). |
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| **CINDA** | | |
| A18 | Zerkin | (Continuing action) Export EXFOR and NSR to CINDA, and distribute it to other Centres every month. |
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| **EXFOR Compilation Needs**  **(**Underlined items are registered inthe Article Allocation List.) | | |
| A19 | Cabellos | (Continuing action) Compile with priority the β-delayed neutron spectra published in the articles listed in the table of CP-D/837. |
| A20 | Cabellos | (Continuing action) Compile articles published in JINR Rapid Communication (KSO) and Phys. Part. Nucl. Lett. (PPN/L) and listed in CP-D/858. |
| A21 | Mikhailiukova | (Continuing action) Compile the thermal neutron-induced reaction data cited in Mughabghab’s “Atlas of Neutron Resonances” and listed in 4C-4/212=WP2016-15. |
| A22 | Pritychenko | (Continuing action) Compile with priority articles related to the neutron dosimetry cross sections listed in the second table of CP-D/838. |
| A23 | Pritychenko | (Continuing action) Assess the articles reporting keV neutron capture cross section entries listed in CP-D/740, and add these articles with necessary revisions with priority. |
| A24 | Pritychenko | Compile articles for thermal neutron constants listed in 4C-3/405=WP2017-19. |
| A25 | Chen  Ebata  Pritychenko | (Continuing action) Compile with priority the neutron source spectra listed in CP-D/700 (Rev.3). |
| A26 | Cabellos  Ebata  Pritychenko  Taova | (Continuing action) Compile with priority the proton-induced isotope production cross sections listed in CP-D/725 Rev. (~WP2012-19). Notify Semkova if the assigned centre does not compile the high energy (E > 1 GeV) data in the list. |
| A27 | Ebata  Pritychenko  Otsuka  Taova | (Continuing action) Compile with priority the light charged-particle induced isotope production cross sections listed in CP-D/757. Notify Semkova if the assigned centre does not compile the high energy (E > 1 GeV) data in the list. |
| A28 | Cabellos  Chen  Yang | (Continuing action) Compile with priority the articles cited in the NACRE II (an update and extension of European Compilation of Reaction Rates for Astrophysics) listed in Tables 1 and 2 of CP-D/833. |
| A29 | Cabellos  Chen  Taova | (Continuing action) Compile with priority the articles related to ion beam analysis application listed in CP-D/832 Rev. |
| A30 | Cabellos  Mikhailiukova  Pritychenko | (Continuing action) Compile the thermal neutron-induced reaction data cited in Mughabghab’s “Atlas of Neutron Resonances” and listed in 4C-3/395. |
| A31 | Chen  Pritychenko | (Continuing action) Compile with priority prompt fission neutron multiplicity distributions listed in CP-D/867. |
| A32 | Cabellos  Mikhailiukova  Pritychenko | (Continuing action) Compile with priority prompt fission neutron multiplicities listed in CP-D/871. |
| A33 | Cabellos  Ebata  Gritzay  Pritychenko | (Continuing action) Compile articles presented in Reactor Dosimetry Symposia listed in 4C-3/400=WP2016-16. |
| A34 | Cabellos  Pritychenko | (Continuing action) Compile thermal neutron data cited by Axton and listed in 4C-3/402 =WP2016-18. |
| A35 | Cabellos  Mikhailiukova  Pritychenko | (Continuing action) Compile thermal neutron scattering data listed in 4C-3/404= WP2016-19. |
| A36 | Lalremruata | Compile old Indian articles published in Pramana and Ind. J. Pure and Applied Phys. listed in Memo CP-D/910=WP2017-18. |
| A37 | Pritychenko | Compile Tables 1 and 2 of J.W. Meadows,C,70ANL,,129,1970 which supersedes EXFOR 10148.002 and 003 (4C-3/409=WP2017-20). |
| A38 | Pritychenko | (Continuing action) Monitor availability of P.E. Koehler’s time-of-flight spectra on DVDs received from ORELA in 2015 for EXFOR compilation. |
| A39 | Pritychenko | Monitor availability of the 235U(n,f) prompt fission neutron spectra in EXFOR 13982.002 (P. Staples) corrected for the sample size effect. |
| A40 | Pritychenko | Compile 238U(n,f) cross sections in Table 4.6 of Zchariah W. Miller’s thesis (Univ. of Kentucky, 2015) once they are published. |
| A41 | Semkova | Finalize the list of the journal articles for neutron, proton and alpha-induced reactions in NSR but not in EXFOR (WP2017-17). |
| A42 | Cabellos  Otsuka | Receive the experimental fission product yield data collected by Robert Mills. Identify the numerical data sets missing in EXFOR once they are received. |
| A43 | Cabellos  Pritychenko | (Continuing action) Perform EXFOR completeness checking for the list of articles (4C-3/401, articles cited in S. Mughabghab’s “Atlas of Neutron Resonances”) to identify articles missing in EXFOR, and assign responsibility of compilation of the identified articles to centres by a memo. |
| A44 | Cabellos  Mikhailiukova  Pritychenko | (Continuing action) Summarize typographical mistakes of bibliography in Mughabghab’s atlas, and send it to S. Mughabghab. |
| A45 | Cabellos  Otsuka | (Continuing action) Monitor communications among evaluators (e.g., CIELO mailing lists), and try to receive tabulated experimental data from evaluators who have their own internal database. |
| A46 | Kenzebayev | (Continuing action) Scan domestic publications (*e.g.*, journals, laboratory reports) to identify articles for EXFOR compilation. |
| A47 | Gritzay | (Continuing action) Consider compilation of neutron spectra for filtered neutrons published in the last 10 years. |
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| **EXFOR Quality Control**  (Underlined items are registered in the EXFOR Feedback List.) | | |
| A48 | Mikhailiukova | (Continuing action) Add English translation information of Atomnaya Energiya under the keyword REFERENCE as listed in WP2011-26. |
| A49 | Mikhailiukova | (Continuing action) Add English translation information of Yadernaya Fizika under the keyword REFERENCE as listed in WP2012-24. |
| A50 | Mikhailiukova | (Continuing action) Add English translation information of Yadernye Konstanty under the keyword REFERENCE as listed in Tables 1 and 2 of CP-D/777. |
| A51 | Mikhailiukova | (Continuing action) Add English translation information of Zhurnal Eksp. Teoret. Fiziki (incl. Pis’ma v Redaktsiyu) under the keyword REFERENCE as listed in CP-D/809. |
| A52 | Mikhailiukova | (Continuing action) Add English translation information of Izvestiya Rossiiskoi Akademii Nauk, Seriya Fizicheskaya under the keyword REFERENCE as listed in CP-D/847. |
| A53 | Mikhaliukova | Supersede 41013.003 by 41013.004. Also supersede 41013.004 by 22304.002 and 006 (4C-3/409=WP2017-20). |
| A54 | Semkova | Supersede 30558.002 by 22304.002, and 30559.002 by 22304.006 (4C-3/409=WP2017-20). |
| A55 | Pritychenko | Look for the original value corresponding 12576.003 which provides a value renormalized by NNDC. If the original value is available, compile it and link it with 12576.003 by STATUS=OUTDT and RNORM. If the original value is no longer available, consider using free text instead of RNORM. (CP-D/841 Rev.=WP2014-45). |
| A56 | Pritychenko | Add three values in Table XII of P,WASH-1018,63,1959 to EXFOR 12185 which must be linked with 12185.004, 006 and 007 (values renormalized at NNDC) by STATUS=OUTDT and RNORM (CP-D/841 Rev.=WP2014-45). |
| A57 | Pritychenko | (Continuing action) Explain availability of the neutron spectra of ISNF, Sig-Sig, CFRMF and YAYOI facility compiled in the IRDF-2002 library under the keyword COMMENT of 13153.001 as compiler’s comments. |
| A58 | Pritychenko | Replace the data type code DERIV with DEROT in 14329.163 to 165. Move these subentries to an area Ventry, and submit its draft to NDS (see the coding sample in LEXFOR “Data Type”). |
| A59 | Cabellos | Correct data sets compiling neutron production cross sections measured at OKTAVIAN as summarized in Table 2 of 4C-3/408. |
| A60 | Cabellos  Mikhailiukova  Pritychenko | (Continuing action) Add target thickness as coded information in the data sets listed in CP-D/878=WP2016-07. |
| A61 | Ebata  Mikhailiukova  Pritychenko  Semkova | (Continuing action) Correct half-lives and isomeric flags listed in Memo CP-D/888 =WP2016-25. |
| A62 | Pritychenko  Semkova  Takács  Taova | Correct data sets identified as outliers on JANIS Books for gamma and charged particle cross sections (CP-D/926=WP2017-25). |
| A63 | Taova | (Continuing action) Delete EXFOR A0320 (all) and F0160 (all) which are duplicated entries summarized in WP2016-20. |
| A64 | Varlamov | Delete M0907 which is duplication of M0896 (WP2017-22). |
| A65 | Pritychenko  Semkova | Revise EXFOR entries compiling data sets from ORELA 40 m flight station listed in the Appendix of 4C-3/407=WP2017-30 by (1) addition of the corrigendum under REFERENCE of the common subentry, (2) addition of STATUS=OUTDT to each data subentry, and (3) clear indication of the correction factor under COMMENT. |
| A66 | Cabellos  Mikhailiukova | (Continuing action) Try to add numerical data which are not superseded (SPSDD) but still unobtainable (UNOBT) for neutron-induced reaction data published in old literature for 1H, 16O, 56Fe, 235U, 238U and 239Pu. |
| A67 | Cabellos | (Continuing action) Assess if REACTION of 22077.014, 029 and 044 can be improved as proposed in the table of CP-D/813 (Rev.2). |
| A68 | Cabellos  Soppera | (Continuing action) Provide a list of erroneous and suspicious outliers by using various statistical approaches (c.f. WP2011-17, WP2013-19). |
| A69 | Otsuka | Submit a revised Memo CP-D/933=WP2017-28 by addition of the remark to each subentry from Takács. Also register the subentries requiring corrections in the EXFOR Feedback List. |
| A70 | All | Revise the REACTION codes of the thick target considering the changes proposed in Appendix of CP-D/933=WP2017-28 once the subentries for revisions are registered in the EXFOR Feedback List. Consult the proposed change with Takács when necessary. A draft of the revised entry is available from Otsuka. |
| A71 | Cabellos | Check the p-n scattering data set in EXFOR 22207.002 (G. Fink) against G. Fink’s thesis (e.g., reference frame – lab or c.m.). |
| A72 | Cabellos | (Continuing action) Provide JANIS–TRANS Checker Log list on every preliminary TRANS-file. (+ bibliography checking and typo) |
| A73 | Soppera | (Continuing action) Provide JANIS Import Log created from the EXFOR Master File to Otsuka on a regular basis. |
| A74 | Otsuka | (Continuing action) Assess the JANIS Import Log provided by Soppera as above, and register important errors to the EXFOR Feedback System. |
| A75 | Cabellos | (Continuing action) Inform Division of Nuclear Science of NEA the mistake in SINBAD NEA-1552/14 (CP-D/883=WP2016-24). |
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| **EXFOR Coding Rule** | | |
| A76 | Mikhailiukova | (Continuing action) Submit a memo summarizing entries where the year of publication coded in the volume field must be deleted due to absence of the volume number in the journal other than PTE. |
| A77 | Cabellos  Mikhailiukova | (Continuing action) Check whether the current description of the eta value in LEXFOR defines the quantities compiled in entries listed in CP-D/789 (Rev.) (*e.g.*, whether the denominator is absorption cross section or non-elastic scattering cross section) in cooperation with Lee and Otsuka. |
| A78 | Otsuka | (Continuing action) Assess if coding rule of resonance parameters of reaction product is technically possible (CP-D/632=WP2016-27). |
| A79 | Otsuka | Propose a revised rule for compilation of the data renormalized, corrected or reassessed by other than the author not published in peer-reviewed journals. |
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| **Tools for Compilation and Dissemination** | | |
| A80 | Otsuka | (Continuing action) Provide EXFOR News for every EXFOR Master File. |
| A81 | Soppera | (Continuing action) Continue development and testing of the JANIS –TRANS Checker in cooperation with NDS and the other centres. |
| A82 | Zerkin | (Continuing action) Update ZCHEX based on comments from compilers (*e.g.*, WP2011-36). |
| A83 | All | (Continuing action) Provide feedback to NDS on the existing ZCHEX version (on bugs as well as desired additions.). Bugs must be reported with sample entries which are checked and not checked properly by ZCHEX. |
| A84 | Zerkin | (Continuing action) Prepare examples of coding of covariance data for all EXFOR Entries having authors’ covariances, and offer them to Data Centres according to Areas for finalizing and submitting to the database. |
| A85 | All | (Continuing action) Finalize and submit EXFOR entries including covariance data provided by Zerkin (WP2017-Z3). |
| A86 | Zerkin | (Continuing action) Continue development of the EXFOR upload web tool. |
| A87 | Zerkin | (Continuing action) Every four months produce an EXFOR distribution with (a) full Dictionary distribution; (b) EXFOR in C4 and XC4 format; (c) Dictionaries in MS Access; (d) X4Map. |
| A88 | Zerkin | (Continuing action) Distribute the program package including a standalone platform independent program to generate X4+ from a standalone EXFOR entry. |
| A89 | All | (Continuing action) Consider to use the X4+ format for author approval, and also send feedback to Zerkin. |
| A90 | Zerkin | (Continuing action) Continue development of a new database encompassing correction factors and relevant comments for suspect/erroneous data (X4-evaluated) presented in WP2010-19; keep NRDC informed about conclusions of discussions on new database. |
| A91 | Zerkin  Pritychenko | (Continuing action) Continue translation from EXFOR to NSR. |
| A92 | All | (Continuing action) Provide Zerkin a list of name aliases to improve the search of EXFOR entries by the author name (WP2014-53). |
| A93 | Zerkin | (Continuing action) Introduce flags to indicate articles published in conference proceedings and the data are not available from the authors on the EXFOR Compilation Control System web page. |
| A94 | Zerkin | Consider translation of fission yields in EXFOR to a C4-like format in consultation with A. Trkov and B. Pritychenko. |
| A95 | JCPRG | (Continuing Action) Continue development and testing of GSYS in cooperation with NDS and other centres, taking into account compilers’ remarks. |
| A96 | All | (Continuing Action) Provide JCPRG feedback on GSYS. |
| A97 | Otsuka | (Continuing Action) Support update of the Japanese editor (HENDEL) as time permits. |
| A98 | CNPD | (Continuing Action) Continue development and testing of the EXFOR-Editor and InpGraph in cooperation with NDS and other data Centres, taking into account compilers’ remarks. |
| A99 | All | (Continuing Action) Provide CNPD feedback on EXFOR-Editor and InpGraph. |
| A100 | Zerkin  Pikulina  Chen  JCPRG | Study problems in 2D calibration of original pictures, and process of approval of results of digitizing using plotting facilities. |
| A101 | All | Provide Taova feedback on the booklet for promotion of EXFOR prepared by CNPD by the end of 2017. |
| A102 | Bhattacharyya | Demonstrate the EXFOR-I editor in the NRDC 2018 meeting. |
| A103 | Cabellos | Make available on the NEA Data Bank web site the EANDC and NEANDC reports compiled in EXFOR and not available as INDC reports. |