**Nuclear Data Section**

**International Atomic Energy Agency**

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

**Memo CP-D/1113**

**Date:** 11 June 2024

**To:** Distribution

**From:** N. Otsuka

**Subject: NRDC 2024 - Conclusions & Actions**

A draft of Conclusions & Actions of the NRDC 2024 meeting is appended to this memo. Changes from the version reviewed in the meeting are in italicised. Please send me your comments (*e.g.*, actions fulfilled after the meeting) by 10 July 2024 if any.

**Major changes from the draft agreed in the meeting**

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|  |  | **Version reviewed in the meeting** | **Revision** |
| C1 |  | The next NRDC Centre Head meeting will be held in ? from 17 to 20 June 2025. | “Madrid, Spain” **replaced** ?. |
| C |  | When a data subentry or entry is deleted, the reason (e.g., duplication) must be explained in free text under HISTORY=D (c.f. WP2024-19). | **Deleted** since this is written as a rule in LEXFOR “History”. |
| C43 |  | Development of software conversion tools between the EXFOR exchange and JSON format (e.g., X5) could be useful. | The following sentence was **added** to record discussion following Schnabel’s comment in the meeting:  A one-to-one and reversible translation of the information stored in the EXFOR format to the JSON format (e.g., X5) and from the JSON format to the EXFOR format could be useful for development of EXFOR editors and potentially lower the entrance barrier for new members and compilers of the NRDC network to efficiently participate in technical work, in particular data compilation. |
| A | Koning | (Continuing action) Inform centre heads of final license proposed by the IAEA for distribution of files. | **Deleted** since it was informed by Koning on 21 May 2024. |

## 

## Conclusions

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| **General** | |
| C1 | The next NRDC Centre Head meeting will be held in *Madrid, Spain* from 17 to 20 June 2025. |
| C2 | The next NRDC technical meeting will be held in Vienna, Austria in the second quarter of 2026. |
| C3 | The next EXFOR compilation workshop will be held in Vienna, Austria from 3 to 6 December 2024. |
| **EXFOR General** | |
| C4 | The Network will add the following Copyright Statement on the NRDC Website together with the CC BY 4.0 DEED (Attribution 4.0 International) license for NRDC products:  “The data and resources available on this site are provided to the IAEA by the NRDC Network, which is a network under the auspices of the IAEA. As agreed by the NRDC Network, the IAEA has the role of publication and dissemination for all the data and resources provided to it by the NRDC Network.”,  (as approved by the IAEA Legal Office on 15 May 2024.) |
| C5 | The Network recognises the NRDC Website hosted by the IAEA as the primary publication and dissemination platform for all the products of the Network. Thus, the NRDC grants the IAEA authorship rights for the purpose of assigning Digital Object Identifiers (DOIs). As the designated author, the IAEA will coordinate the assignment of DOIs with the DOI provider (CrossRef), oversee the accuracy and consistency of the shared metadata (title, creator, URL, etc.) and serve as the primary point of contact for all matters pertaining to publication and dissemination of the NRDC’s data and resources (as approved by the IAEA Legal Office on 15 May 2024.) |
| C6 | An entry of an area will be transmitted in an exchange file labelled by the same area except for area P and T entries which will be transmitted in area C exchange files. (c.f. WP2024-30). |
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| **EXFOR Statistics and Coverage** | |
| C7 | The Network released 448 new entries since the NRDC 2023 meeting (about 12 months) as reported in WP2024-02. |
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| **Manuals and Dictionary** | |
| C8 | The report code UCRL-TR- may be used not only in CINDA but also in EXFOR. Its expansion should be “Lawrence Livermore National Laboratory Reports” rather than “Lawrence Radiation Laboratory translation series” as proposed in WP2024-07. |
| C9 | The new procedure for creation of the Transmission Dictionary from the Archive Dictionaries with the JSON dictionary as an intermediate file proposed in WP2024-08 was approved. |
| C10 | The new structure of the Transmission Dictionary with the new system identifiers SUBDICT and ENDSUBDICT proposed in WP2024-09 was approved. |
| C11 | A full stop cannot be used in data heading and unit codes as proposed in WP2024-10. |
| C12 | The revisions of the internal numerical equivalent and revision of the EXFOR/CINDA Dictionary Manual for Dictionary 209 proposed in WP2024-11 were approved. The compound flag \* at Column 114 is not necessary. A new field (I7) will be added for 1000Z+A (e.g., 390890 for yttrium compound, 400000 for zirconium compound). |
| C13 | The revisions of the EXFOR Formats Manual, LEXFOR and EXFOR/CINDA Dictionary Manuals proposed in WP2024-12 were approved. |
| C14 | Addition of the paragraph “Gamma production following quasi-metastable state production” to LEXFOR “Partial reactions” proposed in WP2024-13 was approved. |
| C15 | System identifiers N1 and N2 presently unused will be zero rather than a blank as proposed in WP2024-30. |
| C16 | NOSUBENT N2 will be the date of last update rather than a blank as proposed in WP2024-30. |
| C17 | The new system identifiers MASTER and ENDMASTER proposed in WP2024-31 were approved. |
| **EXFOR Compilation Needs** | |
| C18 | NNDC will be responsible for scanning Physical Review Letters. |
| **EXFOR Quality Control** | |
| *~~C~~* | *~~When a data subentry or entry is deleted, the reason (e.g., duplication) must be explained in free text under HISTORY=D (c.f. WP2024-19).~~* |
| C19 | The network was informed by an author of EXFOR 12936 (Veeser) that the (n,2n) cross sections compiled in this EXFOR entry (other than 9Be) may be used but with caution above ~18 MeV as explained in WP2024-20. |
| C20 | Compilers are encouraged to send their EXFOR entry drafts to the authors for proofreading and approval. It could improve the quality of the EXFOR entries (e.g., replacement of digitized data with tabulated data) and awareness of the data centre activity in the community. |
| C21 | Cross section below the threshold energy in the literature could be caused by various reasons, for example, overestimation of the actual initial charged particle beam energy, presence of an interference gamma line originated from a nuclide coproduced due to presence of sample impurity or oxidation. |
| C22 | Addition of the target thickness description under the keyword SAMPLE is essential for charged-particle capture cross sections. |
| **EXFOR Coding Rule** | |
| C23 | The compiler should treat the dataset received from the author with caution if it contains a zero in the uncertainty (WP2024-22). |
| C24 | Compilers should check if the numerical data received from the authors are preserved in the EXFOR entry without unexpected changes. We are aware that blanks in authors’ table are sometimes replaced by zeros during cancellation of vector common as introduced in WP2024-22. |
| C25 | The quantity codes for quantities excluding quasi-metastable state production) proposed in WP2024-23 (L-,SIG and L-,SIG,,SFC) were approved. |
| C26 | The change in the definition of the TRANS N2 field proposed in WP2024-24 was approved. The date in this field may be updated by the NRDC coordinator before uploading to the NDS open area. |
| C27 | When an INDC report number exists as an alias of the report number coded under REFERENCE, the INDC report number must be coded as proposed in WP2024-25. |
| C28 | The volume number under REFERENCE is preferably omitted unless they are essential to identify the article as proposed in WP2024-25. |
| C29 | The new quantity code M+,SIG,,RAB proposed in WP2024-26 was approved. The new modifier OTH proposed in the same working paper was not approved. |
| C30 | The compiler should ask for the elemental cross section when the cross section published in the source article is the elemental cross section divided by a natural abundance of a target isotope but the contribution of another target isotope is not negligible. Compilation of the published cross section is optional when the elemental cross section is not available from the author. |
| C31 | Pointers are no longer used to link pieces of BIB information (BIB/BIB links) as proposed in WP2024-27. |
| C32 | The keywords TITLE and AUTHOR will always provide the title and author list of the primary reference. When the compiler considers the title and/or author list of a secondary reference must be provided, they may be given in free text following #author: and #title: as proposed in WP2024-27. |
| C33 | The Vector Common Formalism is no longer seen in any EXFOR entries. |
| C34 | The 209Bi(p,x)211At cross sections in EXFOR listed in CP-D/1072=WP2023-29 will be kept with the following statement under the keyword CRITIQUE:  “Production of 211At observed in this experiment is solely due to interaction of secondary alpha particles with 209Bi.”. |
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| **Tools for Compilation and Dissemination** | |
| C35 | Java and Python tools generating next Master File using previous Master File and TRANS file are now publicly available with their source files as described in WP2024-30 and WP2024-32. |
| C36 | The format specification of the EXFOR Master and Backup Files summarized in WP2024-31 were approved. |
| C37 | ZORDER automatically replaces the blank in ENTRY and SUBENT records N2 with the date of processing. |
| C38 | Eight EXFOR Master Files (EXFOR-2015 to EXFOR-2022) were retroactively produced following the procedure described in WP2024-32. These eight files as well as the new EXFOR Master File (EXFOR-2023) are publicly available from their landing web pages. |
| C39 | Documentation and archiving of private communication are essential for maintenance of an EXFOR entry compiled from the private communication. |
| C40 | The Network encourages each centre to engage with the regional nuclear physics community to gather feedback on the utilization of EXFOR, preferred data formats (such as X4 interpreted, JSON, XML), and dissemination platforms like web interfaces (e.g., EE-view, ZV-view, Data Explorer), web APIs, GitHub, etc. |
| C41 | NNDC commits to providing updated NSR databases to NDS regularly for integration into EXFOR, CINDA web retrieval systems, myENSDF, etc. This could be done monthly. |
| C42 | NNDC supports to open the source codes of the EXFOR software (e.g., ZCHEX, ZORDER) transferred from NNDC to NDS. |
| C43 | Development of software conversion tools between the EXFOR exchange and JSON format (e.g., X5) could be useful. *A one-to-one and reversible translation of the information stored in the EXFOR format to the JSON format (e.g., X5) and from the JSON format to the EXFOR format could be useful for development of EXFOR editors and potentially lower the entrance barrier for new members and compilers of the NRDC network to efficiently participate in technical work, in particular data compilation.* |
| C44 | NDS can host the delayed beta and gamma spectra measured by Dickens et al. (ORNL/NUREG-14 etc. for 235U thermal neutron fission) in the CoNDERC database. |
| C45 | The EXFOR Master File should include not only the Transmission Dictionary but also the Archive and DANIEL Backup Dictionaries. |
| C46 | Addition of the description on the experiment and uncertainty listed in the CSWEG templates in EXFOR (by interacting with the author when it is missing in the source article) would make the EXFOR entry even more useful for evaluators. |
| C47 | Description of corrections undertaken and not undertaken by the experimentalist under CORRECTION would be very helpful for evaluators. |
| C48 | WPEC SG-50 could provide the Network a requirement document with use cases and needs from the nuclear data evaluation community for information purposes. |
| C49 | The Network recognizes the needs of knowledge transfer when retirement or separation of a Network member is foreseen to ensure smooth continuation of the network operation as mentioned in WP2024-25. |
| C50 | The Network will (1) produce the EXFOR Master File annually and distribution it from a landing page and DOI dedicated to each version, and (2) distribute a complete set of EXFOR entry files synchronized with the NDS EXFOR web retrieval system. |

## Actions

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| **General** | | |
| A1 | Koning Raj | Send to Otsuka revised description of the centre in the Network Document (INDC(NDS)-0401). |
| ***~~EXFOR General~~*** | | |
| *~~A~~* | *~~Koning~~* | *~~(Continuing action) Inform centre heads of final license proposed by the IAEA for distribution of files.~~* |
| **EXFOR Statistics and Coverage** | | |
| A2 | All | (Standing action) Give the highest priority to compilation of new articles. |
| A3 | 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. |
| **Manuals and Dictionaries** | | |
| A4 | Otsuka | (Continuing action) Update Dictionaries every six months. |
| A5 | Otsuka | Revise EXFOR Formats Manual for   1. CP-D/1053 = WP2023-23 (STATUS) 2. CP-D/1056 = WP2023-25 (Multiple reaction formalism) 3. CP-D/1069 = WP2023-27 (DECAY-DATA and FLAG) 4. CP-D/1071 = WP2023-28 (ASSUMED and MONITOR) 5. CP-D/1110 (Rev.) = WP2024-12 (General structure, ASSUMED, DECAY-DATA, INSTITUTE, LEVEL-PROP, REFERENCE) 6. CP-D/1089 = WP2024-24 (System identifiers) 7. CP-D/1098 = WP2024-25 (REFERENCE) 8. CP-D/1093 = WP2024-30 (System identifiers) 9. CP-D/1094 = WP2024-31 (System identifiers)) 10. CP-D/1106 = WP2024-27 (BIB/BIB link) |
| A6 | Otsuka | Revise LEXFOR for   1. 4C-3/0421 = WP2023-08 (Scattering) 2. 4C-4/0233 = WP2023-31 (Fitting coefficients) 3. CP-D/1038 = WP2023-24 (Error) 4. CP-D/1055(Rev.) = WP2023-23 (Status) 5. CP-D/1072 = WP2023-29 (Production and emission cross sections) 6. CP-D/1076 = WP2023-30 (Activation) 7. CP-D/1110 (Rev.) = WP2024-12 (Fission yields) 8. CP-D/1111 (Rev.) = WP2024-13 (Partial reactions) |
| A7 | Otsuka | Revise EXFOR/CINDA Dictionary Manual according to   1. CP-D/1067 = WP2023-09 (Dictionary 227) 2. CP-D/1081 = WP2023-11 (full review) 3. CP-D/1092(Rev.) = WP2024-09 (Transmission dictionary) 4. CP-D/1105 = WP2024-10 (exclusion of full stop in headings and units) 5. CP-D/1109 = WP2024-11 (Internal numerical equivalent for Dict. 227, additional I7 field for 1000Z\*A.) 6. CP-D/1110 (Rev.) = WP2024-12 (Dict. 25 and 227) |
| A8 | Otsuka | Revise the expansion of UCRL-TR- in Dictionary 6 (Reports) as proposed in CP-D/1083 = WP2024-07. |
| A9 | Pritychenko | Inform Otsuka which report codes starting from UCRL is also used for Lawrence Livermore National Laboratory reports. |
| A10 | Otsuka | Revise the internal numerical equivalent of Dictionary 209 (Compounds) as proposed in CP-D/1109 = WP2024-11. |
| A11 | Otsuka | Add L-,SIG and L-,SIG,,SFC in Dictionary 236 as proposed in CP-D/1087 = WP2024-23. |
| A12 | Otsuka | Add M+,SIG,,RAB in Dictionary 236 as proposed in CP-D/1110 = WP2024-26. |
| **CINDA** | | |
| A13 | NDS | Export the EXFOR and NSR to the CINDA database, and distribute it to other Centres*.* |
| A14 | NNDC | (Continuing action) Create meta schema for bibliographic data encompassing CINDA, EXFOR, NSR, Atlas and ENSDF. Report to NRDC for next actions. |
| **EXFOR Compilation Needs**  **(**Underlined items are registered inthe Article Allocation List.) | | |
| A15 | Pritychenko, Sprenger | Compile with priority the articles listed in WP2024-15 to respond to the individual requests from EXFOR users. |
| A16 | Pritychenko | (Continuing action) Compile with priority the neutron source spectra listed in CP-D/0700 (Rev.3). |
| A17 | Pritychenko | (Continuing action) Compile with priority R.G.Lanier+,R,UCAR-10062-89,71,1989 listed in CP-D/0725 Rev. (~WP2012-19). |
| A18 | Pritychenko Nomura Taova | (Continuing action) Compile with priority the light charged-particle induced isotope production cross sections listed in CP-D/0757 = WP2013-12. |
| A19 | Pritychenko | (Continuing action) Compile with priority T.Mo+,J,NP/A,198,153,1972 listed in CP-D/0832 Rev. |
| A20 | Pritychenko | (Continuing action) Compile with priority W.G. Alberts+,R,NUREG/CP-0029,433,1982 in CP-D/0838 = WP2014-21. |
| A21 | Pritychenko | (Continuing action) Compile A.R.Musgrove+,P,AAEC/PR-43-PD,39,1977=P,INDC(AUL)-27,39,1977 in 4C-3/0395 = WP2014-19. |
| A22 | Pritychenko | (Continuing action) Compile F. Bischoff,R,RPI-328-87,146,1966 listed in 4C-3/0404 = WP2016-19. |
| A23 | Pritychenko | (Continuing action) Compile P.L.Reeder+,J,PR/C,15,2108,1977 listed in 4C-3/0410 = WP2018-20. |
| A24 | Pritychenko | (Continuing action) Compile deuteron-induced reaction data compiled by the Frascati group and listed in CP-D/0758. |
| A25 | Pritychenko Sprenger | (Continuing action) Compile articles reporting experimental fission product yields and listed in CP-C/464, 465, 466 and CP-D/0979. Inform Devi if an article in the lists is not for EXFOR compilation. Transmit EXFOR entries relevant to these lists separately from other EXFOR entries. |
| A26 | Gritzay | (Continuing action) Compile data measured with filtered neutrons measured at the KINR research reactor with numerical neutron spectra. |
| A27 | Pritychenko | (Continuing action) Monitor availability of P.E. Koehler’s time-of-flight spectra on DVDs received from ORELA in 2015 for EXFOR compilation. |
| A28 | Pritychenko  Brown | (Continuing action) Perform EXFOR completeness checking for the list of articles (4C-3/0401, 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. |
| **EXFOR Quality Control**  (Underlined items are registered in the EXFOR Feedback List.) | | |
| A29 | Nomura Pritychenko Sprenger Taova | Resolve the duplications listed in WP2024-19. |
| A30 | Pritychenko | (Continuing action) Revise the datasets of neutron elastic scattering including inelastic scattering contribution as proposed in 4C-3/0420(Rev2). |
| A31 | Pritychenko | (Continuing action) Replace REACTION SF3=A with EL in C0753.002 (CP-D/0960 = WP2019-31). |
| A32 | Pritychenko | (Continuing action) Revise entries involving several variable atomic and/or mass numbers listed in CP-D/0984 in WP2021-31. |
| A33 | Pritychenko | (Continuing action) Revise DECAY-DATA and DECAY-MON records including EC (electron capture) listed in CP-D/0989 = WP2021-07. |
| A34 | Pritychenko | (Continuing action) Replace EL and INL in REACTION SF3 of 12373.008 with SCT (Memo CP-D/0991 = WP2021-26). |
| A35 | Nomura | (Continuing action) Revise entries involving isomers of Nb-102, Tc-102, Rh-108, Sb-128 and Sb-132 according to Appendix of Memo CP-D/1009 (Rev.) = WP2021-28. |
| A36 | Pritychenko Nomura | (Continuing action) Revise REACTION SF3 and SF7 listed in Appendices 1, 2 and 3 of CP-D/1014 = WP2021-10 (Combination of particle codes and their order in REACTION SF7). |
| A37 | Pritychenko | (Continuing action) Replace X with an appropriate code or code combination REACTION SF3 of entries listed in CP-D/1017 = WP2022-24. |
| A38 | Pritychenko | (Continuing action) Replace TABLE with SCSRS or update the free text unless the numerical data are published in source articles as listed in CP-D/1041 = WP2022-27. |
| A39 | Pritychenko Nomura | (Continuing action) Revise entries relevant to assessment of suspicious E-LVL values as listed in CP-D/1043 = WP2022-26. |
| A40 | Pritychenko Nomura | (Continuing action) Correct the isomeric flags in REACTION and DECAY-DATA listed in CP-D/1052Rev. = WP2023-19. |
| A41 | Pritychenko Sprenger | (Continuing action) Resolve with priority the repetition of data headings listed in CP-D/1070 = WP2023-20. |
| A42 | Pritychenko | (Continuing action) Replace NO-DIM with the correct unit for the absolute eta values listed in CP-D/1082(Rev.) = WP2023-22. |
| A43 | Sprenger Pritychenko | (Continuing action) Consider addition of numerical data which are not superseded (SPSDD) and suitable for digitization, but still unobtainable (UNOBT) for neutron-induced reaction data published in old literature. |
| A44 | Sprenger | (Continuing action) Provide a report on mistakes in bibliographies and spells on each preliminary tape. |
| A45 | Pritychenko | (Continuing action) Revise EXFOR entries compiling data sets from ORELA 40 m flight station listed in the Appendix of 4C-3/407 = WP2017-30 by addition of   1. the corrigendum under REFERENCE of the common subentry, 2. STATUS=OUTDT to each data subentry with the correction factor in free text. |
| A46 | Soppera | (Continuing action) Provide JANIS Import Log created from the EXFOR Master File to Otsuka on a regular basis. |
| A47 | Otsuka | (Continuing action) Assess the JANIS Import Log provided by Soppera as above and register important errors to the EXFOR Feedback System. |
| A48 | Mikhailiukova | Analyse the zero values coded under the headings PARITY, ERR-T and DATA-ERR in the EXFOR library as proposed in WP2024-22 (e.g., by X4Pro) under support of Zerkin. |
| **EXFOR Coding Rule** | | |
| A49 | Varlamov Otsuka | (Continuing action) Review the usage of (G,TOT), (G,ABS), (G,SCT) and (G,N) for the cross sections declared as “absorption cross sections” or “total cross sections” by the authors. |
| **Tools for Compilation and Dissemination** | | |
| A50 | Sprenger | (Continuing action) Make available on the NEA Data Bank web site the EANDC and NEANDC reports compiled in EXFOR and not available as INDC reports. |
| A51 | Pikulina | (Continuing action) Continue development and testing of the EXFOR-Editor and InpGraph in cooperation with NDS and other data Centres. |
| A52 | All | (Continuing action) Provide Pikulina feedback on EXFOR-Editor and InpGraph. |
| A53 | Suzuki | (Continuing action) Continue development and testing of GSYS in cooperation with NDS and other centres. |
| A54 | All | (Continuing action) Provide Suzuki feedback on GSYS. |
| A55 | Soppera | (Continuing action) Continue development and testing of the JANIS TRANS Checker in cooperation with NDS and the other centres. |
| A56 | All | (Continuing action) Provide Soppera feedback on JANIS TRANS Checker. |
| A57 | Otsuka | (Continuing action) Provide EXFOR News every month and consider updates to the NRDC website. |
| A58 | Otsuka | (Continuing action) Support update of the Japanese editor (HENDEL) as time permits. |
| A59 | Zerkin | (Continuing action) Update ZCHEX based on comments from compilers. |
| A60 | 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. |
| A61 | Zerkin | (Continuing action) Develop and distribute the program package including a standalone platform independent program to generate X4+ from a standalone EXFOR entry. |
| A62 | All | (Continuing action) Consider using the X4+ format for author approval, and also send feedback to Zerkin. |
| A63 | Otsuka | (Continuing action) Produce: extended Dictionary 236, and X4Map after every database update. |
| A64 | Prtychenko | (Continuing action) Continue development of the additional database encompassing correction factors and relevant comments for suspect/erroneous data (X4-evaluated) presented in WP2010-19; keep NRDC informed about results, impact and usage statistics of the database. |
| A65 | Otsuka | Continue update of the X4Pro database. |
| A66 | Jin Suzuki Pikulina Zerkin | (Continuing action) Study problems in 2D calibration of original pictures, and process of approval of results of digitizing using plotting facilities. |
| A67 | Pritychenko Sprenger | (Continuing action) Finalize and submit EXFOR entries including covariance data provided by Zerkin (WP2017-Z3). |
| A68 | Pritychenko | (Standing action) Provide NSR database to Dimitriou with the name aliases to improve the search of EXFOR entries by the author name (WP2014-53). |
| A69 | Vrapcenjak Pritychenko | (Continuing action) Maintain and extend (as needed) the EXFOR-NSR PDF database. |
| A70 | Vrapcenjak | (Continuing action) Collect articles coded under REFERNECE of newly submitted preliminary tapes but missing in the NDS article collection. |
| A71 | All | (Continuing action) Collaborate with Vrapcenjak for collection of articles coded under REFERENCE and private communication relevant to newly submitted preliminary tapes but missing in the NDS article collection. |
| A72 | All | (Continuing action) Analyse X5 structure/hierarchy and contents, contact Zerkin with questions and proposals. |
| A73 | Zerkin | (Continuing action) Take into account proposals on structure of X4Pro and X5. |
| A74 | Otsuka | (Continuing action) Prepare EXFOR Master landing page(s). Landing page should include data license, corresponding EXFOR Dictionaries and links to documentation. |
| A75 | Otsuka Vrapcenjak | Assign DOI to the landing page of the EXFOR Master File of the NRDC website for each version. |
| A76 | Otsuka | Setup a website for distribution of a complete set EXFOR entry files synchronized with the NDS EXFOR web retrieval system. |
| A77 | All | Consider ways of distribution of up-to-date EXFOR entry files through Git-based systems for discussion. |
| A78 | Pritychenko | Attend the American Physical Society Division of Nuclear Physics Meeting in October 2024, Boston to gather feedback on the utilization of EXFOR, preferred data formats and dissemination platforms. |

**Distribution:**

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