

List of Completed, Continuous and New Actions (15 June 2007).

No.	Responsible	Reason	Action
1	J. Tuli, BNL/NNDC	Quality assurance test.	Advise evaluators to run RADLST, and comment on agreement of Q-value and sum of decay energies and X-ray intensities measured and calculated. Continuous action.
2	J. Tuli, BNL/NNDC	Priority list evaluations: has to be updated.	Send yearly priority list for nuclide and mass chain ENSDF evaluations. Add priority list of the NSDD TM and network document. Continuous action.
3	J. Tuli, BNL/NNDC	Format and consistency problems could arise for certain horizontal evaluations.	Co-ordinate horizontal and A-chain evaluators by means of procedures for inserting horizontal evaluations into ENSDF. Continuous action.
4	BNL/NNDC	ENSDF analysis and checking codes need to remain up to date with respect to formats, physics requirements, and the needs of the community.	Update codes for approved format changes. Continuous action.
5	All network participants	Results of significant horizontal evaluations are not always incorporated into ENSDF in a timely manner.	Keep abreast of activities in other areas where horizontal evaluations may be appropriate for incorporation into ENSDF. Inform J. Tuli (who will maintain a list of horizontal evaluations on NNDC-NDSDD Web site). Continuous action.
6	All network participants	Highly-relevant information and data from some conferences, meetings and laboratory reports are not always available to NSR compilers in NNDC.	Assist the NNDC in obtaining conference proceedings, meeting and laboratory reports for NSR. Copy of unpublished conference reports containing significant NSDD contribution should be sent to D. Winchell. Continuous action.
7	IAEA/NDS	Characteristics and parameters of NSDD network have to be regularly updated.	Update NSDD network document regularly as INDC(NDS) report - publish electronically according to the latest changes as defined at the network meeting. Continuous action – but last updated, March 2004.
8	BNL/NNDC	Publish versions of ENSDF are required.	Continue journal "publication" of the mass chain evaluations. Continuous action.

9	IAEA/NDS	Co-ordinate network activities in the lengthy period between NSDD meetings.	Nominate a chairman and deputy chairman for next NSDD meeting at the current NSDD meeting. Continuous action.
10	All network participants	Misprints and errors found in NSR and ENSDF.	Report all errors detected in NSR and ENSDF to NNDC as soon as they are found. Continuous action.
11	All ENSDF evaluators	Accelerate the review process.	Each ENSDF evaluator should be willing to do 2 mass-chains equivalent reviews per FTE-year. Reviewing process for one mass chain should not be longer than 3 months. Continuous action.
12	BNL/NNDC	Researchers are not familiar with ENSDF format.	Promote the concept that researchers should supply data to the network in complete, tabular form. Continuous action.
13	All network participants	Bring NSDD evaluation work to the attention of the nuclear community.	Present network activities at different conferences and meetings. Continuous action.
14	All network participants	Avoid duplication of work.	Participants should inform the network about any development of software related to NSDD. Continuous action.
15	J. Tuli, BNL/NNDC	Encourage specific new measurements.	Indicate in the abstract of an evaluation any critical problems in the data compared with the previous evaluation, gaps in the data, and discrepancies that could be resolved by new measurements. WITHDRAWN (in ENSDF procedures manual).
16	Data centre managers	Attract young scientists to data evaluations.	Encourage evaluators to participate in research/evaluation of nuclear structure data. Continuous action.
17	All network participants	Improve NSR.	Send comments and suggestions on NSR improvements (indexing) to Manojeeet Bhattacharya (NNDC). Continuous action.
18	BNL/NNDC	Increase the accuracy of Auger electron and continuum beta-spectra.	Improve ENSDF codes to provide more detailed presentations of Auger-electron and continuum beta spectra. Progress to date by Kibedi/Burrows involves electron and X-ray spectra.
19	All ENSDF evaluators	Check validity of the rules.	Inform NNDC when experimental results appear to contradict the rules. Continuous action.
20	All network participants	Improve quality of evaluations.	Solicit potential non-network evaluation reserves, and send names to ENSDF manager (NNDC). Continuous action.

21	McMaster University; BNL/NNDC; LBNL; and other evaluation centres	Support new ENSDF evaluators.	Provide local support and mentoring to new ENSDF evaluators of mass chain evaluations. Continuous action.
22	J. Tuli, BNL/NNDC	Network should be made aware of needs of NSDD users.	List of horizontal evaluation needs and on-going evaluation activities should be maintained through the NSDD network. Continuous action.
23	All network participants	Maintain up to date information on the Network.	Review, modify and correct the contents of INDC(NDS)-421. Continuous action (see also Action 7).
24	Balraj Singh, McMaster; F. Kondev, ANL	Data definition.	Propose guidelines for appropriate configurations/labels of band assignments, define the proper quantity and symbol to represent the transition quadrupole moment for rotational bands, and propose an additional J^π rule for coupled bands, in addition to current rule #37 for other rotational bands (by 5 November 2005). COMPLETED.
25	T. Burrows, BNL/NNDC; T. Kibédi, ANU	Preparation of new agreed data set.	Provide BRICC program for ICC calculations, using the Band-Raman prescription with frozen orbital relativistic procedure (BNIT(2)), for network use (by 1 September 2005). [Sec. note: changed to 1 November 2005]. COMPLETED.
26	BNL/NNDC	Data definition/policy.	Ensure that discussions on the inclusion of data on hyper-nuclei in ENSDF occur at USNDP meeting in November 2005, and consider whether new NSDD policy is required. WITHDRAWN.
27	T. Burrows, BNL/NNDC	Improvements to codes.	Explore possible improvements to GTOL, following on from studies at Petersburg Nuclear Physics Institute. COMPLETED.
28	R. Firestone, LBNL	Data development.	Provide network with a new version of GAMUT by end of 2005. Update code (within 3 months, otherwise LBNL (Firestone) send code to NNDC.

29	IAEA/NDS; BNL/NNDC	Seek support for mass chain evaluations.	Invite relevant specialist/managers from most appropriate institutes to attend next NSDD meeting. COMPLETED.
30	IAEA/NDS	Seek support for mass chain evaluations.	Explore/organise 1-day <i>ad hoc</i> meeting of 3 or 4 Directors/Heads of appropriate institutes to discuss NSDD and develop a coherent approach to EU funding. COMPLETED.
31	J. Tuli, BNL/NNDC; A. Nichols, IAEA/NDS	Seek support for mass chain evaluations.	Following provision of information from N. Stone, write to interim Director of iThemba Labs, South Africa, to seek their involvement in NSDD. COMPLETED.
32	J. Tuli, BNL/NNDC	Evaluation responsibilities	Send network members copy of Responsibilities table (by July 2005). COMPLETED.
33	All network participants	Evaluation responsibilities	Correct Responsibilities table – send all changes to J. Tuli and A. Nichols (by mid-July 2005). COMPLETED.
34	I. Mitropolsky, PNPI	Possible venue for next NSDD meeting (May/June 2007).	Assess PNPI costs on the basis of Agency rules for external meetings. COMPLETED.
New			
35	A. Sonzogni, BNL/NNDC		Assemble and distribute statistics to support the proposal for the modification of ENSDF format to include cluster emission data.
36	A. Sonzogni, BNL/NNDC		Provide NSDD evaluation centres with a list of radionuclides/details for which either $t_{1/2}$, J^π and/or decay modes differ between ENSDF and NWC.
37	All network participants		Consider differences in nuclear properties between ENSDF and NWC, and adjust if deemed appropriate (after due consideration of evaluation effort for changes to ENSDF).
38	All network participants		Provide Tuli/Balraj Singh with comments on the proposed improvements in level-scheme drawings and tables for Nuclear Data Sheets publication within 2 weeks of receipt of sample pages by e-mail.
39	All network participants		Consider proposals of Singh/Kondev for the labelling of bands, configurations and cascades – follow established rules, and provide comments/criticisms.

40	A. Sonzogni, BNL/NNDC		Provide NSDD network with Java and Linux versions of ENSDF Editor by the end of 2008.
41	All network participants		Use and comment on ENSDF Editor to Sonzogni.
42	G. Shulyak, PNPI		Send list of errors found in ENSDF to Tuli by the end of July.
43	G. Shulyak, PNPI		Provide copy of PNPI Editor program to NNDC, BNL.
44	B. Singh, McMaster University		Continue analysis of BM1W, and provide comprehensive recommendations to modify original Endt rules by the end of 2007.
45	BNL/NNDC		Rationalise and create appropriate Web links for more convenient access to all available sources of information (including manuals and NSDD workshop material).
46	All network participants		Provide Pritychenko with feedback/comments on Web sites devoted to B(E2) and $\beta\beta$ -decay.
47	F. Kondev, ANL; D. Balabanski, University of Sofia		Coordinate preparation of an informative article about nuclear data evaluations to be published in appropriate literature/journals (article to be prepared for publication by mid-2008).
48	BNL/NNDC; IAEA-NDS		Continue to pursue initiatives to improve the non-USA/North America contributions to the ENSDF mass chain evaluations.
49	D. Balabanski, University of Sofia		Explore methods of support for the establishment of ENSDF mass chain evaluations from within Europe.
50	J. Tuli, BNL/NNDC; A. Nichols, IAEA/NDS		Assist in the various national initiatives to improve non-North American contributions to the ENSDF mass chain evaluations – e.g. EU FP7 Town meeting in Helsinki, September 2007.
51	All network participants		Formulate and pursue methods to improve/expand mass chain contributions within their own countries.

52	A. Sonzogni, BNL/NNDC		NuDat: introduce \pm symbol to the 'non-standard' layout of ENSDF data with respect to uncertainty (e.g. ± 1.5).
53	A. Sonzogni, BNL/NNDC		NuDat: acknowledge ENSDF as the data source for NuDat (e.g. at bottom of main Web page).
54	IAEA/NDS		Bring NSR key-wording responsibilities of NDS in-line with NNDC key-wording timetable.
55	J. Tuli, BNL/NNDC		Approach Elsevier to make introductory material on NSDD available on their Web site.