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TO:	Distribution
From:	M.Mikhaylyukova, V.Pronyaev, V.Manokhin
Subject:	Actions A16, A17 of NRDC2009.

For NRDC2010 discussion of Actions A16 and A17 of NRDC2009:
Results of compilation on the basis of full journal contents PR/C, PRL, NSE, CJP and conf.AIP.

Using the information of NDS EXFOR status web-page and prelim.transes 4149, 2218 (not included yet at web-site), following statistics for numbers of articles (published at 2009) was prepared:

Journal	*Published in 2009*	*Allocated*	*Preliminary*	*EXFOR*
NNDC:				
PRL	17	2	2	13 (76.47%)
PR/C	94	14	18	62 (65.96%
NSE	5	0	0	5 (100%)
CJP	0	0	0	0
S,AIP	3	0	0	0 (0%)
Summary	**119**	**16**	**20**	**80 (67.23%)**
EPJ/A	1	0	0	0 (0%)
2008MACKIN	14	6	2	6 (42.86%)
S,JAEA-C-	1	1	0	0 (0.%)
Summary for all	***135***	***23***	***22***	***86 (63.70%)***

For comparison, the same statistics was prepared for all others centers
(articles published in 2009 year):

	Published in 2009	*Allocated*	*Preliminary*	*EXFOR*
NDS	44	0	1	43 (97.73%)
NEA DB	44	12	0	32 (72.73%)
JCPRG	22	5	4	10 (45.45%)
CJD	7	3	3	4 (57.14%)
CAYaD	17	2	0	4 (23.53)
CDFE	2	0	0	2 (100.%)
CPND	7	1	0	6 (85.71%)
UkrNDC	4	1	1	2 (50.%)
KAERI	11	0	3	8 (72.73%)
India	18	0	0	18 (100.%)
Summary	**176**	**24**	**9**	**129 (73.30%)**

CONCLUSIONS :

Advantages:

1. It's convenient for one compiler to read all articles in journal, if he has this journal.
2. Checking of full coverage could be done by compiler as addition to NDS EXFOR status web-page.
3. The increasing of speed of NNDC compilation takes place but is not so high with comparison of others centers.

Disadvantages:

1. The low speed of NNDC compilation of articles before 2009 year in comparison with others centers, for example of C,2007NICE:

	C,2007NICE	*Allocated*	*Preliminary*	*EXFOR*
NNDC	16	8	0	7 (43.75%)
NEA DB	47	0	0	47 (100%)
NDS	10	0	0	10 (100%)
JCPRG	4	0	0	2 (50%)
Other centers	10	0	0	7 (70%)
Summary	**87**	**0**	**0**	**73 (83.9%)**

So the articles before 2009 of direct geographical responsibility of NNDC are compiled by NNDC with lower speed in comparison with others centers.

2. Duplications in EXFOR already appeared between the areas 1 and 2, 3, 4 for articles of 2009 year. As consequence:
- troubles for users to understand these duplications;
- additional work for compilers to delete duplicative Subentries.

3. Duplicative work for compilers from NNDC and other centers, when the same experiment was compiled from two (or even more) articles published in different journals.

4. Troubles for authors of experimental data:

when two compilers sent requests for the same data to author, author could not understand clear, who of compilers is responsible for compilation and whom of two compilers author has to send data, when data are ready for EXFOR.

5. Checking of transes is now more difficult and requires lot of time and efforts of searching due to possible duplications.

6. A lot of additional e-mails to reach agreement for compilation.

7. Coordination between centers: delay of answers for e-mails with questions to clarify some tasks between NNDC compilers and other centers compilers took place – from several days to several weeks, as consequence – delay in compilation or producing of duplications.

8. Quality of compilation of only one article is lower than compilation of several articles (of the same experiment) because the different aspects of experiment are discussed in different articles and for users it's better to have all details of the same experiment in one Entry.

9. The productive and successful compilation in international data base EXFOR can be organized and done by only international team of NRDC compilers.

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