

**Nuclear Data Section  
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**Memo CP-D/461**

**Date:** 4 April 2006

**To:** Distribution

**From:** O. Schwerer

**Subject: EXFOR transmission / compilation statistics: New and revised entries and subentries transmitted since the last NRDC meeting**

Please find attached the EXFOR transmission statistics in the usual format.

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**New and revised entries / subentries since the 2005 NRDC meeting**

Date: 4 April 2006

| TRANS | TRANS-<br>Flag | Entr-Tot | Entr-<br>New | Entr-<br>Rev | DSub-<br>Tot | DSub-<br>New | DSub-<br>Rev |
|-------|----------------|----------|--------------|--------------|--------------|--------------|--------------|
|-------|----------------|----------|--------------|--------------|--------------|--------------|--------------|

**NNDC****Area 1**

|      |  |     |    |    |     |     |     |
|------|--|-----|----|----|-----|-----|-----|
| 1337 |  | 42  | 25 | 17 | 100 | 87  | 13  |
| 1338 |  | 32  | 0  | 32 | 104 | 10  | 94  |
| 1339 |  | 36  | 33 | 3  | 146 | 139 | 7   |
| Sum  |  | 110 | 58 | 52 | 350 | 236 | 114 |

**Area C**

|      |         |     |     |    |     |     |    |
|------|---------|-----|-----|----|-----|-----|----|
| C075 | Final   | 73  | 67  | 6  | 180 | 180 | 0  |
| C076 |         | 57  | 46  | 11 | 144 | 135 | 9  |
| C077 | Prelim. | 58  | 49  | 9  | 173 | 135 | 38 |
| Sum  |         | 188 | 162 | 26 | 497 | 450 | 47 |

**Area L** No transmission since 2005 NRDC meeting**NEA-DB****Area 2**

|      |       |    |    |    |     |     |     |
|------|-------|----|----|----|-----|-----|-----|
| 2173 | Final | 11 | 7  | 4  | 145 | 61  | 84  |
| 2174 |       | 47 | 18 | 29 | 225 | 112 | 113 |
| 2175 |       | 30 | 18 | 12 | 193 | 128 | 65  |
| Sum  |       | 88 | 43 | 45 | 563 | 301 | 262 |

## NEA-DB + CAJAD

### Area O

|      |       |    |    |    |     |     |     |
|------|-------|----|----|----|-----|-----|-----|
| O024 | Final | 33 | 14 | 19 | 239 | 96  | 143 |
| O025 |       | 21 | 17 | 4  | 57  | 50  | 7   |
| Sum  |       | 54 | 31 | 23 | 296 | 146 | 150 |

## NDS

### Area 3

(NDS with occasional contributions from UkrNDC and CNDC)

Last contribution from CNDC: on TRANS 3113 (2003)

UkrNDC: 2 entries pending (corrections/clarifications needed)

|      |    |    |   |     |     |   |
|------|----|----|---|-----|-----|---|
| 3118 | 20 | 20 | 0 | 224 | 224 | 0 |
|------|----|----|---|-----|-----|---|

### Area G

(NDS with occasional contributions from UkrNDC)

No transmission since 2005 NRDC meeting

UkrNDC: 2 entries pending (corrections/clarifications needed)

### Area D (with contributions from ATOMKI and occasionally from UkrNDC)

ATOMKI: 6 new entries in final D043, 5 new entries in D044

UkrNDC: 2 entries pending (corrections/clarifications needed)

|      |         |    |    |   |     |     |   |
|------|---------|----|----|---|-----|-----|---|
| D043 | Final   | 6  | 6  | 0 | 32  | 32  | 0 |
| D044 |         | 30 | 28 | 2 | 142 | 139 | 3 |
| D045 | Prelim. | 20 | 19 | 1 | 87  | 87  | 0 |
| Sum  |         | 56 | 53 | 3 | 261 | 258 | 3 |

## CJD

### Area 4

|      |         |    |    |    |     |     |     |
|------|---------|----|----|----|-----|-----|-----|
| 4135 | Final   | 50 | 9  | 41 | 76  | 19  | 57  |
| 4136 |         | 21 | 3  | 18 | 83  | 38  | 45  |
| 4137 | Prelim. | 17 | 8  | 9  | 94  | 51  | 43  |
| Sum  |         | 88 | 20 | 68 | 253 | 108 | 145 |

## CAJAD

### Area A

|      |  |    |    |   |     |     |    |
|------|--|----|----|---|-----|-----|----|
| A061 |  | 29 | 22 | 7 | 203 | 169 | 34 |
|------|--|----|----|---|-----|-----|----|

## JCPRG

### Area E

|      |         |    |    |   |      |      |    |
|------|---------|----|----|---|------|------|----|
| E033 | Final   | 24 | 23 | 1 | 388  | 385  | 3  |
| E034 |         | 24 | 24 | 0 | 317  | 317  | 0  |
| E035 |         | 10 | 5  | 5 | 249  | 222  | 27 |
| E036 | Prelim. | 23 | 22 | 1 | 356  | 347  | 9  |
| Sum  |         | 81 | 74 | 7 | 1310 | 1271 | 39 |

### Area J

|      |  |   |   |   |   |   |   |
|------|--|---|---|---|---|---|---|
| J004 |  | 4 | 4 | 0 | 9 | 9 | 0 |
|------|--|---|---|---|---|---|---|

### Area R

|      |         |   |   |   |    |   |    |
|------|---------|---|---|---|----|---|----|
| R016 |         | 2 | 0 | 2 | 13 | 0 | 13 |
| R017 | Prelim. | 7 | 0 | 7 | 63 | 0 | 63 |
| Sum  |         | 9 | 0 | 9 | 76 | 0 | 76 |

## CNPD-VNIIIEF

### Area F

|      |    |    |   |    |    |   |
|------|----|----|---|----|----|---|
| F023 | 23 | 20 | 3 | 83 | 80 | 3 |
|------|----|----|---|----|----|---|

## CNPD-VNIIIEF + NNDC

**Area T** No transmission since 2005 NRDC meeting

## CDFE

### Area M

|      |       |    |    |    |     |    |    |
|------|-------|----|----|----|-----|----|----|
| M038 | Final | 12 | 5  | 7  | 48  | 23 | 25 |
| M039 |       | 18 | 5  | 13 | 72  | 20 | 52 |
| Sum  |       | 30 | 10 | 20 | 120 | 43 | 77 |

## CNDC

**Neutron data:** in area 3, last entries in TRANS 3113 (2003)

**Area S** No transmission since 2005 NRDC meeting  
Last transmission: TRANS S011 (2 new entries, 2005)

### Notes:

Prelim. = So far only preliminary version received

Final = Prelim. version received before, final after last NRDC meeting

Note: To compare transmissions over several years (with previous memos), eliminate files labelled "Prelim" first to avoid double counting

Dsub = Data subentries (excluding subentry 1 and NOSUBENT)

## Summary by data type

### Neutron data

|        |     |     |     |      |     |     |
|--------|-----|-----|-----|------|-----|-----|
| Area 1 | 110 | 58  | 52  | 350  | 236 | 114 |
| Area 2 | 88  | 43  | 45  | 563  | 301 | 262 |
| Area 3 | 20  | 20  | 0   | 224  | 224 | 0   |
| Area 4 | 88  | 20  | 68  | 253  | 108 | 145 |
| Sum    | 306 | 141 | 165 | 1390 | 869 | 521 |

### CPND

|        |     |     |    |      |      |     |
|--------|-----|-----|----|------|------|-----|
| Area A | 29  | 22  | 7  | 203  | 169  | 34  |
| Area C | 188 | 162 | 26 | 497  | 450  | 47  |
| Area D | 56  | 53  | 3  | 261  | 258  | 3   |
| Area E | 81  | 74  | 7  | 1310 | 1271 | 39  |
| Area F | 23  | 20  | 3  | 83   | 80   | 3   |
| Area J | 4   | 4   | 0  | 9    | 9    | 0   |
| Area O | 54  | 31  | 23 | 296  | 146  | 150 |
| Area R | 9   | 0   | 9  | 76   | 0    | 76  |
| Area S | 0   | 0   | 0  | 0    | 0    | 0   |
| Area T | 0   | 0   | 0  | 0    | 0    | 0   |
| Sum    | 444 | 366 | 78 | 2735 | 2383 | 352 |

### Photonuclear

|        |    |    |    |     |    |    |
|--------|----|----|----|-----|----|----|
| Area G | 0  | 0  | 0  | 0   | 0  | 0  |
| Area L | 0  | 0  | 0  | 0   | 0  | 0  |
| Area M | 30 | 10 | 20 | 120 | 43 | 77 |
| Sum    | 30 | 10 | 20 | 120 | 43 | 77 |

|                  |     |     |     |      |      |     |
|------------------|-----|-----|-----|------|------|-----|
| <b>All EXFOR</b> | 780 | 517 | 263 | 4245 | 3295 | 950 |
|------------------|-----|-----|-----|------|------|-----|