International Atomic Energy Agency

Updating and Transmission Protocol

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TRANS exchange

- **Preliminary version of TRANS file is sent by FTP to NDS open area, as PRELIM.Xnnn**
  - **X=center identification character**
  - **nnn = sequential TRANS no. within center**

- **Address: ndsalpha.iaea.org**
  User NDSX4 (no password)
  subdirectory NDSX4.TRANS.PRELIM

- **Notify all centers. Then they have one month time for comments. Originating center must react to comments (correct or explain)**

- **The final version is sent as TRANS.Xnnn to directory NDSX4.TRANS and announced to all**

- **NDS then deletes Prelim version**

- **New subdirectory NDSX4.TRANS.PROBLEMS for problematic entries (temporarily) withdrawn (not copied to final TRANS)**

Corrections

- **In PRELIM stage (and before): informal, no bookkeeping necessary**

- **Once an entry was transmitted (and therefore processed by other centres): "Retransmission"**

- **Retransmissions**
  - **On subentry level (plus always subentry 1)**
  - **New date on ENTRY and SUBENT records**
  - **Recorded under HISTORY (remains in file)**
  - **Flagged in col.80 (important information for receiving centers, but not kept in file)**

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When to retransmit

- **Obligatory in case of any important correction or addition, such as**
  - Modifications/additions received from author
  - Mistakes in DATA or correction of REACTION
  - New main reference
  - Addition or deletion of subentries
  - Change of STATUS, received author proof

- **Optional for less important corrections**

- **Retransmissions are a regular part of the network business and a strength of the system!**

Alter flags in col.80

- **C (corrected): ENTRY and SUBENT records of retransmitted entries**

- **C   Line corrected**

- **D   Line(s) deleted following the flagged line**

- **T   Two changes: record was corrected or inserted AND following line(s) deleted**

- **R   Replace = block change, e.g. whole BIB section, or replace NOCOMMON by COMMON section**

- ***   Subentry deleted (NOSUBENT record)**

Deletions of entries and subentries

- **Why delete a (sub)entry?**
  - **Superseded, withdrawn, duplication**
  - **Combination of several subentries**
- **How:**
  - **Subentry: whole subentry replaced by NOSUBENT**
  - **Entry:**
    - **subentry 1 (keeping bibliographic keywords) remains in file, with HISTORY entry giving reasons for deletion**
    - **Other subentries replaced by NOSUBENT**
  - **This is the ONLY way to delete entries / subentries!**
  - **NEVER re-use (sub)accession numbers of deleted (sub) entries!**

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HISTORY

- **Records history of (sub)entry from compilation through all retransmissions**

- **Date + (optional) code from Dict. 15, free text**

- `HISTORY    (19940312C) OS`
  `           (19960711A) Data units`
  `                           corrected`

- **Changes in (or before) PRELIM stage need not be recorded, but**

- **Later changes (retransmissions) must be recorded, and**

- **HISTORY entries are cumulative (must be kept for ever)**