TSG RAN Working Group 1 meeting #1   **TSGW1#1(99)017**
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Source: **Yukitsuna Furuya (WG1 Convenor)**

Title: **Proposal how to proceed with the merging of documents from ARIB and ETSI into the first 3GPP/WG1 documentation**

1   Introduction

During the first day of the 3GPP WG1 #1 meeting (Jan 21) the main differences in technical contents between ARIB and ETSI specifications were identified. Input document [1] was used as a basis for that discussion, and the list of differences were further refined during the meeting. Furthermore, a number of Ad Hoc groups were agreed upon, in order to handle these identified main technical differences.

However, since major parts of the two specifications from ARIB and ETSI are similar it is desirable to create (by merging) a common set of specifications even before the above mentioned main differences are resolved. The merged specifications will most likely show that minor differences also exist, and these should be indicated. This will enable members to contribute towards the single set of specifications until the next meeting. *Emphasis should initially be made on proposals that aim at harmonizing the differences visible in the merged specifications.* Proposals that aim at improving the readability of the draft text is of course also welcome.

In order to quickly create the first version of the common set of 3GPP/WG1 specifications an editing policy is proposed in this document. The documentation from the ARIB Volume 3 version 1.0 and the latest versions from the ETSI/SMG2 Layer 1 expert group documentation should be used as input in this process.

The specification structure proposed in [2] should be used when creating the first version of the 3GPP specifications. The detailed policy and guidelines for the editing work is outlined in the next chapter.

2   Editing policy

In this chapter a number of guidelines are outlined. The intention is that the temporary drafting editors should get clear and unambiguous instructions on how to perform their work.

- Assignment of **"temporary drafting editors"** should be elected by WG1 at the second day of the first TSG-RAN WG1 meeting. One editor from ETSI and one editor from ARIB should be elected for each document as listed in [2] . One of the two editors is assigned to be the main responsible. The exact roles of the two editors should be agreed mutually between the two editors (meaning the division of work between the editors and how they arrange further details in editing)

- The goal is to create a 3GPP/TSG-RAN/WG1 baseline set of specifications

- The editors should use the contents of the latest ETSI SMG2 Layer 1 Expert Group (XX.01, XX.02 etc) documents as a basis for the specification text. The editors should use the ARIB Volume 3 version 1.0 contents as input in the merging process. The editors should write one text (to the furthest possible extent) and seek consistency from the two input documents.

  – If the technical contents of the two input documents are the same, a single text should be produced.

- If there are minor difference in technical contents the editors should merge the descriptions and *if possible* make a recommendation (based on their technical judgment) for technical contents. In the merged text an **editors note** should be included in these cases. This should be done so that other members clearly can see the result of the merging process.
- If it is not possible to merge the text (or tables or figures or parameter values etc), i.e. there are **two different solutions** in the ARIB and ETSI documents, both alternatives should be included, but within **square brackets**. If needed, a clarifying **editors note** could be added below the square brackets also in this case.
- Contents that only exist in either ARIB or ETSI input documents should be included, and indicated with an **editors note**.

- The editors also should check and confirm the ongoing activities in the Ad Hoc groups, which were defined on the first day of the first WG1 meeting. This means that the editors should be aware of what technical items of the specification that are being discussed in the Ad Hoc groups. For instance, they should be aware that the channel coding and interleaving is being discussed and decisions are pending.

  - The editors should **start** the merging process by focusing on parts which are not discussed in Ad Hoc groups
  - After finalizing parts not related to Ad Hoc activities, the editors should work on the "Ad Hoc related" parts of the specifications. The goal is to write one single text, to the furthest possible extent, i.e. it may be possible to write the "generic" part of the specification even though there may be a decision pending regarding exact technology and parameters.
  - It is also possible for the editors to refer to the items being discussed in Ad Hoc groups. Furthermore, the proposals that are under discussion in the Ad Hoc groups (e.g. MIL, GF, algebraic etc. types of interleavers) should be listed in the specifications if possible.
  - It is of course **not required** (nor allowed) that the editors draft recommendations for technology choice, for the items that are being handled by the Ad Hoc groups.

- The proposed time schedule for the initial merging process, is that the merged specifications should be made available to the other members on **Friday the 12th of February 1999**.

  - Comments on the merged specifications could then be sent via email to the editors (and other members) before the next WG1 meeting.

- The documents should be put on the 3GPP document server. A notice should also be sent out on the 3GPP/WG1 reflector (and maybe other reflectors) stating that one (or several) new documents are available. The administration of sending out e-mails on the reflector should be handled by **one person,** Mr Toyoshima (stoyo@arib.or.jp).

3   References

[1] Tdoc TSG/RAN/WG1 #1 009/99, "Proposal for merging ETSI and ARIB Layer 1 documents to one common 3GPP Layer 1 document", Nokia,
[2] TSG/RAN/WG1 #1 005/99, "Proposal for TSG RAN WG1 specification structure