

Source: Rapporteur of TR21.810/21.910 "Multi-mode UE Issues"
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Title: Background to changes in TR 21.810/21.910

Agenda item: 6.2.3

Document for: Information

BACKGROUND

The report was inputted for approval as TR21.910 v 2.0.0 at the last T-meeting in Madrid. It was discussed several times and mostly comments from Motorola and Nokia stopped the approval of the document. In the end it was decided to move the report to the 800-series and for the most opposing companies to contribute to the report to get it approved at the next meeting.

In co-operation with Motorola and Nokia, the report has then been almost totally redrafted. The purpose of the redrafting is that the report has lost its first purpose being a source of inspiration for developing an effective environment for multi-mode UEs. If it had been finalised in the end of last year the purpose would still have been there, but as the time have gone this far there was a need for another direction of the scope.

The main context in the report is still the same but it is written on a much more general level. The main changes are the following:

- The scope has been narrowed and the situation when two operators have separate control of the radio access technologies included in the UE is not treated in detail. The case of different operators is instead indirect treated as the PLMN-selection is separated from the cell-selection,
- Section 4, including the types of UEs, has been redrafted to be more precise considering type 1 and 2 and just suggesting type 3 and 4,
- Section 5 is totally redrafted, as the first purpose with this section was to provide scenarios to evaluate the work in the other groups from a terminal perspective. As the work today is almost finished, at least for a type 2 UE, this section now instead includes the general multi-mode operation, including Principles, PLMN selection, Control of Radio Access Technology and mode used, Handover between Radio Access Technology and mode and Mobility Management aspects,
- Section 6, including a small discussion on identities, was deleted as it only informed the reader that the treatment of identities is interesting in a multi-mode UE perspective. No work was actually included in this section,
- Section 7 have been moved to an informative annex and has also been updated in the sections of SA2, RAN4, CN1 and with some SMG documents,
- The former Annex A, including e.g. suggestions for further work, has been deleted

RESULT OF DISCUSSION IN T2

At the last T2-meeting it was suggested and approved that the main part of the redrafted document, i.e. general aspects and Multi-mode operation, should be returned to the 900-series as an own document. The information here is important as it summaries the multi-mode operation described in the specifications for R99. A document in the 800-series do not have an official status, but is rather treated as an internal working document, and could that could make it difficult to refer to it in future work.

The annex, including work done in other groups and some analysis of that work, was left in the 800-series as an own document. This document can be used as a basis for further studies, if any, in this area.

THE RESULTING DOCUMENTS FOR APPROVAL

TR 21.910 v 2.1.0 “Multi-mode UE Issues – Categories, principles and procedures “
TR 21.810 v 2.2.0 “Multi-mode UE Issues – Ongoing work and identified additional work“