

Agenda item: 6.2.2
Source: Rapporteur (Nortel Networks)
Title: Status Report of Work Item "Real-time handovers from PS domain"
Document for: Information

This is the rapporteur's status report of the release 4 Work Item: Real-time handovers from PS domain.

The TR 25.936 is now mainly complete with the following:

- A status of the current standards in GSM and in UMTS R99
- A requirements section
- The detailed study of 2 possible solutions:
 - SRNC duplication
 - Core Network bi-casting

All the general principles of these solutions and the general impacts on the specifications, have been described in the TR. The open issues in the SRNC duplication solution have been solved:

- the target SGSN will know the IP address and the TEID of the GGSN from the old SGSN,
 - the GGSN updating does not have to wait until after Relocation Complete to take place.
- The impact on the other group specifications (in particular 23.060) have been described
 - A small summary table of the two solutions has been included.

As RAN3 was not required to make a decision, this more or less completes what RAN3 was supposed to provide to SA2 in order for them to proceed with one or another solution. A liaison was sent to SA2 at the RAN3#18 meeting since most of the study work in the TR was complete. The response liaison from SA2 indicates that one of the solutions from the TR has been adopted (SRNC duplication). This has been reflected during RAN3#19 in the agreement section of the TR. The CR to TS25.413 has been prepared for the RAN3#19 and approved during that meeting.

A further clarification that the study is applicable to GERAN as well as UTRAN, was also introduced at RAN3#19. The rapporteur for the TR raised the TR version to v0.5.0 during this meeting and proposed to have it updated to [v2.0.0 for presentation to RAN plenary and have it updated in v4.0.0](#) after approval in [RAN](#) plenary.