

**21 - 24 May, 2001**

**Phoenix, USA**

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TSG-RAN Working Group 3 meeting #19  
Cardiff, UK, 26<sup>th</sup> Feb-2<sup>nd</sup> Mar, 2001

***TSGR3#19(01) 0890***

**Title:** Response to LSs related to optimised IP speech and header removal support in GERAN

**Source:** TSG RAN WG3

**To:** TSG SA2, TSG GERAN

**Copy:** TSG GERAN, TSG RAN WG2, TSG SA WG3, TSG CN WG1, TSG CN WG3

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## **Introduction**

TSG RAN WG3 thanks TSG SA WG2 (S2-010383) and TSG GERAN (GAHW-010109) for their liaisons regarding issues related to optimised IP speech and header removal support in GERAN. TSG RAN WG3 has looked at the questions and encloses its responses below.

## **Signalling for header removal for GERAN**

RAN3 shares the SA2 view that the information sent to the RAN via SGSN should be common to both the UTRAN and GERAN, and that the information (e.g. information about used speech codec) specific to the GERAN should be sent directly between the UE and BSS.

RAN3 would like to point out that the bearers used in UTRAN are designed generic, i.e. there is no certain bearer type for a particular service (e.g. for a certain speech codec), and that the proposed solution in GERAN (GAHW-010064) based on the usage of RRC messages is inline with RAN3 principle of generic bearers in UTRAN.

RAN3 would also like point out, that it is possible to define the SDU size explicitly for each used subflow to support different services (e.g. speech codecs) efficiently in UTRAN.

## **Deployment of header removal**

TSG RAN WG3 confirms TSG GERAN assumption that it has no plans to deploy header removal in UTRAN.