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TSG-RAN Working Group 2 (Radio L2 and Radio L3)
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Source: TSG-RAN WG2

To: TSG-SA WG2, TSG-SA WG4

CC: TSG-RAN WG1, TSG-RAN WG3

Title: Response to LS (S4-000700R) on Efficiency of Packet Switched Conversational Multimedia Service

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TSG RAN WG2 has discussed TSG SA WG4's liaison on 'Efficiency of Packet-Switched Conversational Multimedia Service'.

TSG RAN2 would like to indicate that there is nothing that prevents UTRAN from supporting multiple flows with unequal error protection for IP multimedia services.

TSG RAN WG2 has identified the need to decide on the architecture for the support of the required splitting of flows.

Two possibilities have been identified:

- ?? define a similar mechanism as defined for the circuit switched domain i.e. splitting the radio access bearer in the CN into separate subflows
- ?? splitting the radio access bearers in the radio access network into separate subflows.

TSG RAN WG2 recognizes the benefits of unequal error protection for IP multimedia services. Significant gains in terms of radio efficiency are achieved with unequal error protection.

TSG RAN WG2 suggest that TSG SA WG4 seeks guidance from TSG SA WG2 and TSG RAN WG3 on this architectural issue.