TSG-RAN Working Group 3 meeting #19   *TSGR3#19(01)1081*
Cardiff, Wales, UK, 26 February – 02 March 2001

To:	SA WG3
Source:	**RAN WG3**
Title:	LS to SA WG3 on security in IP-transport based UTRAN
Document for:	Approval

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In December 1999, at RAN#6, the Work Task "IP transport in UTRAN" was assigned to RAN WG3 as a Release 4 work item. This work item covers Iu, Iur and Iub. Since that meeting, a number of solutions were proposed, pros and cons were studied and a number of key agreements have been reached. A Technical Report (TR 25.933) has been issued and it includes separate sections on requirements, study areas and agreements.
No specific requirements on security have been mentioned in the "requirements" section. In "study area" section, some text has been included for user plane and control plane. In the control plane, SCTP protocol from IETF has been proposed on Iur and Iub interfaces; it brings additional security via cookie mechanism.

RAN WG3 would be grateful to SA WG3 if SA WG3 could provide some help regarding security aspects. Assuming that the introduction of IP Transport as an option in the UTRAN does not impact the Radio Network Layer, RAN WG3 would like to know if there are any additional requirements to those existing in R99 with regards to Security aspects (ciphering in RLC/MAC-d (Serving RNC) for UE signalling and user data).

If SA WG3 concludes that some requirements/constraints are needed, RAN WG3 would be grateful to SA WG3 if solutions could be proposed.

Most recent version of TR 25.933 is attached for information.