

**From: TSG S3**

**To: TSG N2**

**LS on MAP Messages to be protected within R'99**

During their meeting in Antwerp, Jan 19-21, S3 has considered the question which MAP messages should be protected in R'99 by the proposed mechanism for securing MAP messages (cf. 3G TS 33.102, section 7). This was also one of the open issues identified by the Joint Meeting of Experts from S3 and N2 on Open Security Issues held in Darmstadt.

S3 considers the following MAP dialogues as a minimum set of messages to be protected in R'99, where 1 is the highest priority level:

<b>AC Name</b>	<b>Operations Used</b>	<b>Mode of Protection</b>	<b>Priority Set by S3</b>
InfoRetrievalContext	sendAuthenticationInfo	Confidentiality, Integrity, Authentication	1
interVLR infoRetrievalContext	sendIdentification	Confidentiality, Integrity, Authentication	1
NetworkFunctionalSSContext	RegisterSS EraseSS ActivateSS DeactivateSS RegisterPassword InterrogateSS GetPassword	Confidentiality, Integrity, Authentication	2
AnyTimeInfoHandlingContext	AnyTimeSubscriptionInterrogation AnyTimeModification	Confidentiality, Integrity, Authentication	2

S3 would like to point out that this list of sensitive MAP dialogues is by no means complete. The dialogues above have been selected according to their extreme sensitivity, but also while bearing in mind that there is a very tight schedule for including secured MAP messages into R'99. Therefore only MAP messages whose AC has been raised for R'99 were chosen. For R'00, S3 will provide another prioritised list of MAP messages to be protected.