

TSG-RAN Working Group 3 meeting #6  
Sophia Antipolis, France, 24 - 27 August 1999

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53GPP TSG-SA WG 2  
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TDoc S2-99636  
Rev of Tdoc S2-99631

**Source:** 3GPP TSG SA 2

**To:** 3GPP TSG SA 3

**Cc:** 3GPP TSG T3, R2, R3, N1, and N2

**Title:** Answer to the liaison on the time constraints on the execution of cryptographic algorithms

## **Liaison Statement**

S2 thanks S3 for their liaison on the time constraints. At least from an S2 perspective some clarifications are needed on which entities are involved in the timing requirement. As an example for the determination of the X4 the response time is it only involving the SIM or does that includes the timing of the sending of the message including the RES parameter to be received by the Core network Node. In this case, this will include the timing necessary over the radio and inside the UTRAN. In the first case the most relevant group to answer this question is T3. In the second case that implies that the full procedure for the sending of this message is define by R2 and R3.

It is of high importance that this is clarified by S3 before other involved working groups together and S2 can provide the proper answer to S3.

Copy to be provided with the original liaison from S3.