Title:	**Liaison Statement on IMS identifiers and ISIM**
Source:	SA WG3
To:	T WG3, SA WG1
Cc:	EP SCP, T WG2, SA WG2
Response to:	LS T3-010613, S1-010863

Contact Person:

Name:	Greg Rose
Tel. Number:	+61 2 9817 4188
E-mail Address:	ggr@qualcomm.com

Attachments: none

1. Overall Description:

S3 thanks T3 for their LS T3-010613 (S3 010451) about clarification on the use of authentication and key agreement mechanisms for IMS, and ISIM. S3 thanks also S1 for their LS in S1-010863 (S3-010415) and provides the requested information in this reply.

In our LS (S3-010400) S3 introduced the concept of a **logically independent ISIM** to represent the IMS subscription and its associated data. It is necessary for this subscription information to be independent of the corresponding USIM data to support access network independence and UE split. Even though it is likely for Release 5 that the ISIM and USIM will be implemented on the same UICC, and probably provisioned by the same provider, separating these functions at a future date would be very difficult if this logical separation is not in place from the start.

Your LS T3-010613 said "In TS 23.228, it is stated that private and public identifiers for the IP multimedia Subsystem are securely stored in the USIM." S3 proposes that these parameters should instead be stored in the logically separate ISIM for the reasons stated above. TS 23.228 should be updated to specify either ISIM or UICC, rather than USIM. S3 believes that the intent of the statement is simply that the parameters are stored securely.

S3 agrees with T3's understanding that the private and public identifiers for the IP Multimedia Subsystem are independent of the USIM and should be stored in the ISIM instead of USIM. The ISIM will also store an authentication key K for IMS use, and may store other data related to authentication and privacy such as current CK and IK for IMS use, sequence number SEQ, and so on. S1 and S2 might also have IMS subscription related data which should be stored in the ISIM.

S3 is working to specify in TS 33.203 what data items should be stored in the ISIM, and would like to work with T3 to create a specification for the ISIM. S3 would like to propose a joint meeting to present the architecture of the IMS and ISIM, and to further work to specify the ISIM, on Monday November 26 in Sophia Antipolis. This is the day before the next S3 meeting.

2. Actions:

To T3 group.

ACTION: S3 requests that T3 undertake work to support the ISIM.

3. Date of Next S3 Meetings:

S3 #21	27-30 November, 2001 (Sophia Antipolis, France)
S3 #22	26 February-1 March, 2002 (Bristol, UK)