

**Source:** TSG CN WG2  
**Title:** LS to SA and N1 (CC) on required network functionality for usage of SIM in 3G mobiles  
**Document for:** Action  
**Agenda Item:** 4.1

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3GPP TSG CN SWG 2B  
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**TITLE:** LS to SA and N1 (CC) on required network functionality for usage of SIM in 3G mobiles

**LIAISON STATEMENT**

**SOURCE:** TSG CN SWG N2  
**TO:** TSG SA  
**CC:** TSG CN WG1  
**SUBJECT:** Required Network Functionality for usage of SIM in 3G mobiles  
**PURPOSE:** FOR ACTION (TSG SA)  
FOR INFORMATION (N1)  
**REPLY REQUESTED BY:** 19-21 October 1999

TSG CN WG2 has reviewed the attached liaison statement received from TSG SA (Tdoc TSGS#4(99)240). It identified the following requirements to be addressed by the 3GPP Core Network specifications:

- possibility for the visited network to detect the type of SIM used
- possibility for the visited network to restrict the access of GSM-only SIM user to the GSM access portion of a PLMN

These network requirements will not introduce any changes to the signaling between the VPLMN and HPLMN, however it was recognized that these requirements will introduce additional functional behavior within the MSC/VLR in association with the location registration procedures. Therefore, TSG CN2 believes that these requirements will have impacts on the UMTS Location Registration specification, TS 23.012.

TSG CN2 believes that these network requirements will have impacts on the access signaling that are studied by TSG CN1.

TSG CN2 will enhance TS 23.012 and will address the requirements as described by the received Liaison Statement. Furthermore, TSG CN2 would appreciate to receive more detailed descriptions of the identified network requirements from TSG SA to progress their work on TS 23.012 in association with the support of SIM usage within 3G mobiles.