

**Agenda Item:** TBD  
**Source:** S3 Liaison to TR45 AHAG  
**Title:** Define responsibility and procedure

**Document for:** Discussion and Decision

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## 1 Scope

3GPP SA WG3 and TR45 (represented by TR45 AHAG subcommittee) decided to coordinate the harmonization of the security architecture (based on 3GPP AKA) currently being developed by 3GPP and TR45 for 3<sup>rd</sup> generation systems. 3GPP S3 identified Michael Marcovici (Lucent) as 3GPP S3 liaison to TR45. TR45, in turned, identify it's own separate liaison to S3, to be announced during S3 #17 meeting.

The scope of this contribution is to provide a guideline, clarify the roles and the responsibilities of the S3's liaison to TR45, as well as promote synergy with TR45 liaison to S3.

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## 2 Introduction

To ensure that the S3 liaison role and responsibility is clearly understood and agreed by 3GPP S3, this document outlines a set of activities and responsibilities for S3 discussion and decision.

It is expected that the primary role of the S3 liaison to TR45 is to represent S3 decisions and advocate S3 decisions relevant to activities that both the 3GPP and TR45 agreed on joint control.

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## 3 S3 liaison role

### 3.1 *Liaison Statements*

The liaison shall advocate, at TR45 AHAG meetings, all liaison statements prepared and approved by 3GPP S3 membership (all appropriate S3 liaison statements shall be sent by the ETSI secretariat to the TR45 AHAG chair upon their approval). A copy of the approved liaison can also be delivered by the S3 liaison at the TR45 AHAG plenary meeting immediately following the S3 plenary.

### 3.2 *CRs*

During previous joint meetings between S3 and TR45, it was agreed that the following documents would be under joint control (it is out of the scope of this contribution to define "joint control"). The following documents and relevant clauses are considered critical both to 3GPP and TR45 (presented here for information only):

- TS 33.102 *3G Security: Security Architecture* (v.3.5)
  - a. Clause 6.3 *Authentication and Key Agreement*
- TS 33.103 *3G Security: Integration Guidelines* (v.3.3)
  - a. Clause 4.2.2 *Authentication and Key Agreement (AKAUSIM)*,
  - b. Clause 4.5.3 *Authentication and Key Agreement (AKASN)*
  - c. Clause 4.6.1 *HLR/Authentication Centre*.
- TS 33.105 *3G Security: Cryptographic algorithm requirements* (v.3.4)

a. *Clause 5.1 Authentication and Key Agreement.*

Change Requests applied the 3GPP documents and their respective clauses identified above, or any other CRs deemed relevant to TR45 shall be forwarded, by 3GPP S3 secretary, to TR45 AHAG chair for subsequent distribution to TR45 members. To avoid any errors or omissions, it is the responsibility of the S3 membership to specifically identify the relevant CRs at its plenary meeting. Those CRs shall be marked as “CC: TR45 AHAG” on the cover sheet.

The CRs shall be send immediately after they are approved by S3 delegates to the TR45 AHAG chair, with an indication that SA plenary did not yet addressed their approval. S3 delegates may consider sending to the TR45 AHAG chair, for comments, selected CRs even before they are approved by S3 plenary. Specific interworking procedures between TR45 and 3GPP S3 are not addressed in this document.

The S3 liaison shall provide details and clarifications to the TR45, as required. In addition, if specifically directed by S3, the liaison shall also deliver those CRs at the TR45 AHAG plenary meeting immediately following the S3 plenary.

**3.3 Report on TR45 meeting**

The S3 liaison shall report TR45 committees and sub-committees activities (e.g., TR45 AHAG, TR45.2) that may be relevant to 3GPP S3 membership. Those reports are for S3 membership information only, and represent the liaison's understanding of the issues discussed. The reports shall not be interpreted as representing the official TR45 position.

**3.4 Reports to TR45**

The S3 liaison shall not report to TR45 on S3 activities beyond the S3 approved documents mentioned above.

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**4 Conclusion**

The S3 membership is asked to comment and make a decisions on the above proposed 3GPP S3 liaison responsibilities.