

25 - 28 February 2002

Bristol, UK

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3GPP TSG SA3 LI  
January 29 - 31, 2002  
Amsterdam, Netherlands

S3LI02\_057

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**Title:** Liaison Statement on the handling of ASN.1 parameters for LI  
**Source:** 3GPP TSG SA3 LI  
**To:** TC SEC WG LI  
**Cc:**

**Contact Person:**

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**1. Overall Description:**

3GPP TSG SA3 LI identified some misalignment of ASN.1 parameters in the given documents of SA3 LI and TC SEC LI. Because of the shared responsibilities for the various technologies this is likely to happen in future more often as there are more groups involved in the standardisation of LI.

SA3 LI would like to propose a way how to avoid the problem of misalignments of the LI specific ASN.1 parameters.

**2. Proposal:**

SA3 LI agrees that TC SEC LI should define a set of common parameters based on ES 201 671, which can be exported to and imported from the technology specific groups. These groups are responsible for the ASN.1 parameters for their technology (TETRA, ISDN, TIPHON, UMTS,...).

All defined common parameters should go in a LI ASN.1 library with an own object identifier which allows all groups to benefit from already standardised parameters and also guarantees the necessary openness for future developments.

A constant maintenance of this library is needed to assure e.g. the backward compatibility of new parameters. SA3 LI suggests that the maintenance of the library should lie in the hands of the ETSI PTCC.

The way how this could work is given in the attached PPT-presentation.

**3. Action:**

SA3 LI asks TC SEC LI to discuss this proposal.

**4. Date of next SA3 LI Meeting:**

09th – 11th April 2002 USA



### Proposal for the development of ASN.1 descriptions for LI

1. The LI ASN.1 descriptions contain technology specific parameters and technology independent parameters, which are common to several technologies
2. SEC LI (or some other independent group, e.g. PTCC) should specify the common parameters only (e.g. LawfulInterceptionIdentifier), list them in a 'Library Module' and make them available by an EXPORTS declaration to all Technology Groups. The Library module needs its own object identifier
3. The Technology Groups (e.g. 3GPP SA3 LI) should specify the operations and the technology specific parameters and import all common parameters from the 'Library Module'. If new parameters are required or existing parameters need to be enhanced, they should be send to the maintainer of the Library Module for inclusion and/or enhancements.
4. The maintainer of the Library needs to react in a flexible and timely manner and publish a new version synchronised with the development of the technology standard.
5. There should be separated modules for HI1, HI2 and HI3, i.e. that there should be three independent modules, if required.
6. A graphical explanation contains the following sheet, whereby the separation of the modules (HI1, HI2, HI3) is not shown. I.E. the drawing shows the interaction between the groups for a single module only.

#### ASN.1 development for Lawful Interception within ETSI and 3GPP - Responsibilities

