3GPP TSG-SA3 LI Meeting #13
Rome, Italy, 14 – 16 April 2004

Tdoc ⌘ S3LI04_075r1
Former S3LI04_016r1

CR-Form-v7

CHANGE REQUEST

| ⌘ | **33.107** CR **CRNum** | ⌘ **rev** | **-** | ⌘ | Current version: | **6.1.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network **X**

Title: ⌘	Adding an encryption parameter to IRI across X2 interface	
Source: ⌘	SA3-LI	
Work item code:⌘	SEC-LI	**Date:** ⌘ 01-04-2004
Category: ⌘	**F**	**Release:** ⌘ Rel-6

Use one of the following categories:
F (correction)
A (corresponds to a correction in an earlier release)
B (addition of feature),
C (functional modification of feature)
D (editorial modification)
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2   (GSM Phase 2)
R96   (Release 1996)
R97   (Release 1997)
R98   (Release 1998)
R99   (Release 1999)
Rel-4   (Release 4)
Rel-5   (Release 5)
Rel-6   (Release 6)

Reason for change: ⌘	3GPP TS 33.106 requires that "when network encryption is introduced, it shall be a national option as to whether the network provides the CC to the agency decrypted, **or encrypted with a key** available to the agency. User provided end to end, encryption, encoding or compression cannot be removed by the network" (33.106v6.0.0; subclause "General principles", 5.1.2). Currently this requirement however is not supported by 33.107. CR offers adding a generic statement to the spec, which would align it with 33.106.
Summary of change:⌘	CR proposes to add a new parameter to X2 interface. That aligns 33.107 with 33.106.
Consequences if not approved: ⌘	Impossible to meet the optional encryption key delivery requirement defined by 33.106.

Clauses affected: ⌘	7.3.1

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

7.3.1   X2-interface

The following information needs to be transferred from the 3G GSN or the HLR to the DF2 in order to allow a DF2 to perform its functionality:

- target identity (MSISDN, IMSI, IMEI);

- events and associated parameters as defined in section 7.3.2 and 7.4 may be provided;

- the target location (if available) or the IAs in case of location dependent interception;

- Correlation number;

- Quality of Service (QoS) identifier;

- Encryption parameters (keys and associated parameters for decrypting CC), if available and necessary.

The IRI should be sent to DF2 using a reliable transport mechanism.