

<h2 style="margin: 0;">CHANGE REQUEST</h2>		<i>Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.</i>
<h3 style="margin: 0;">33.107 CR</h3>		Current Version: 3.0.0
GSM (AA.BB) or 3G (AA.BBB) specification number ↑	↑ CR number as allocated by MCC support team	
For submission to: <input style="width: 100px;" type="text"/> <i>list expected approval meeting # here</i> ↑	for approval <input checked="" type="checkbox"/> for information <input type="checkbox"/>	strategic <input type="checkbox"/> non-strategic <input type="checkbox"/> <i>(for SMG use only)</i>

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

Proposed change affects: (U)SIM ME UTRAN / Radio Core Network
(at least one should be marked with an X)

Source: Reg TP Germany **Date:** 2000-11-27

Subject: Addition of parameters to the X3-Interface

Work item: Lawful Interception stage 2

Category:	F Correction <input type="checkbox"/> A Corresponds to a correction in an earlier release <input type="checkbox"/> B Addition of feature <input type="checkbox"/> C Functional modification of feature <input checked="" type="checkbox"/> D Editorial modification <input type="checkbox"/>	Release:	Phase 2 <input type="checkbox"/> Release 96 <input type="checkbox"/> Release 97 <input type="checkbox"/> Release 98 <input type="checkbox"/> Release 99 <input checked="" type="checkbox"/> Release 00 <input type="checkbox"/>
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(only one category shall be marked With an X)

Reason for change: **3G TS 33.107** describes on an abstract level the interfaces X2, X1_3 and X3 between 3GMS internal functional entities (FEs) and the LI specific FEs DF2 and DF3 as well as the information flow to be exchanged over these interfaces.

The interfaces HI2 and HI3 are regarded to be beyond the scope of the standardisation work of 3G TS 33.107, they are in the responsibility of regional or national standards.

Regional or national standards (e.g. ETSI ES 201 671) on its part, describes the handover interfaces for the transmission of the results of a legal intercept from the network to the Law Enforcement Agencies (LEA). Like in 3G TS 33.107, abstract functional entities (IIF, MDF and LEMF) have been introduced to describe

1. the function to be performed in the network and the equipment of the LEAs and
2. the information flow between these functional entities up to the protocol level.

It is quite obvious that the information flow of the interfaces X2 and HI2 respectively X1_3/X3 and HI3 needs to fit together, concerning the parameters itself and their encoding..

Although not all parameters defined in the regional/ national standards are deemed to be mandatory in the 3GMS standards, because most of them are contained in the HI3 information flow, the most important parameter to support unambiguous correlation of CC and IRI are missing in the current version of 33.107 In order to make the necessary information available at the DF3, it is proposed to add the following parameters to the X3 interface of 3G TS 33.107 (cl. 6.1.2):

1. correlation number (IRI <-> CC);

The format and length of these parameters should correspond to those specified in the regional or national specifications, e.g. in ES 201 671. Attached is the proposal for the enhancement of cl. 6.1.2 of 3G TS 33.107.

Concerning the X2-interface, this parameter is already contained in the information flow (see e.g. 6.3.3.1)

Clauses affected: 6.1.2

Other specs

Affected:

Other 3G core specifications

→ List of CRs:

Other GSM core specifications

→ List of CRs:

MS test specifications

→ List of CRs:

BSS test specifications

→ List of CRs:

O&M specifications

→ List of CRs:

Other comments:



help.doc

<----- double-click here for help and instructions on how to create a CR.

6.1.2 X3-interface

The following information needs to be transferred from the 3G MSC to the DF3 in order to allow the DF3 to perform its functionality:

- target identity (MSISDN, IMSI or IMEI); [note 1](#)
- signal indicator ([direction indication](#); - Signal from target or signal to target); [note 2](#)
- the target location (if available) or the IAs in case of location dependent interception. [note 1](#)
- [correlation information \(IRI <-> CC\)](#);

[note 1: for DF3 internal use only](#)

[note 2: e.g. integer, CC from target = 1, CC from other party = 2](#)

Additional information may be provided [if required by national laws](#).