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**Source:** SA WG3  
**Title:** CRs to 33.102: Optional use of Access Link Data Confidentiality  
(Release 1999 / Rel-4)  
**Document for:** Approval  
**Agenda Item:** 7.3.3

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SA doc#	Spec	CR	R	Phase	Subject	Cat	Current Version	WI	SA WG3 doc#
SP-020340	33.102	165		R99	Optional use of Access Link Data Confidentiality	F	3.11.0	Security	S3-020203
SP-020340	33.102	166		Rel-4	Optional use of Access Link Data Confidentiality	A	4.3.0	SEC1	S3-020204

## CHANGE REQUEST

⌘ **33.102 CR 165** ⌘ rev **-** ⌘ Current version: **3.b.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:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Optional use of Access Link Data Confidentiality		
<b>Source:</b>	⌘ SA WG3		
<b>Work item code:</b>	⌘ Security <span style="float: right;"><b>Date:</b> ⌘ 2 May 2002</span>		
<b>Category:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">                 ⌘ <b>F</b>                  Use <u>one</u> of the following categories:  <b>F</b> (correction)  <b>A</b> (corresponds to a correction in an earlier release)  <b>B</b> (addition of feature),  <b>C</b> (functional modification of feature)  <b>D</b> (editorial modification)                  Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u>.             </td> <td style="width: 50%; vertical-align: top;"> <b>Release:</b> ⌘ <b>R99</b>                  Use <u>one</u> 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)             </td> </tr> </table>	⌘ <b>F</b> Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u> .	<b>Release:</b> ⌘ <b>R99</b> Use <u>one</u> 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)
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<b>Reason for change:</b>	⌘ 'Access link data confidentiality' is not mandatory for use.
<b>Summary of change:</b>	⌘ Remove inconsistency in specification: Change text such that confidentiality protection of acces link is not mandatory but optional for use [as been encoded through the definition of UEA0 (no encryption)].
<b>Consequences if not approved:</b>	⌘ Remaining inconsistent specification.

<b>Clauses affected:</b>	⌘ 6.6.1									
<b>Other specs affected:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;"><input type="checkbox"/></td> <td style="width: 60%;">Other core specifications</td> <td style="width: 20%;">⌘</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Test specifications</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>O&amp;M Specifications</td> <td></td> </tr> </table>	<input type="checkbox"/>	Other core specifications	⌘	<input type="checkbox"/>	Test specifications		<input type="checkbox"/>	O&M Specifications	
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<b>Other comments:</b>	⌘									

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

## 6.6 Access link data confidentiality

### 6.6.1 General

User data and some signalling information elements are considered sensitive and ~~should~~**must** be confidentiality protected. To ensure identity confidentiality (see section 6.1), the temporary user identity (P-)TMSI ~~should~~**must** be transferred in a protected mode at allocation time and at other times when the signalling procedures permit it.

These needs for a protected mode of transmission are fulfilled by a confidentiality function which is applied on dedicated channels between the ME and the RNC.

## CHANGE REQUEST

⌘ **33.102 CR 166** ⌘ rev **-** ⌘ Current version: **4.3.0** ⌘

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**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Optional use of Access Link Data Confidentiality
<b>Source:</b>	⌘ SA WG3
<b>Work item code:</b>	⌘ SEC1
<b>Date:</b>	⌘ 2 May 2002
<b>Category:</b>	⌘ <b>A</b>
Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u> .	
<b>Release:</b>	⌘ <b>REL-4</b>
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<b>Other comments:</b>	⌘

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