

Technical Specification Group Services and System Aspects  
Meeting #20, Hämeenlinna, Finland, 09-12 June 2003

**TSGS#20(03)0221**

**Source:** SA WG3  
**Title:** 2 CRs to 33.108: Changes to meet international LI Requirements (Rel-5, Rel-6)  
**Document for:** Approval  
**Agenda Item:** 7.3.3

---

The following CRs were approved by SA WG3 meeting #28 and are hereby presented to TSG SA#20 for approval.

SA doc#	Spec	CR	R	Phase	Subject	Cat	Current Version	WI	SA WG3 doc#
SP-030221	33.108	015	1	Rel-5	Changes to meet international LI Requirements	F	5.3.0	SEC1-LI	S3-030215
SP-030221	33.108	016	1	Rel-6	Changes to meet international LI Requirements	A	6.1.0	SEC1-LI	S3-030215

CR-Form-v7	
<b>CHANGE REQUEST</b>	
⌘ <b>33.108 CR 015</b> ⌘ rev <b>1</b> ⌘	Current version: <b>5.3.0</b> ⌘

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

<b>Title:</b>	⌘ Changes to meet international LI Requirements		
<b>Source:</b>	⌘ SA WG3 (LI Group)		
<b>Work item code:</b>	⌘ SEC1-LI	<b>Date:</b>	⌘ 06/05/2003
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	<i>Use one of the following categories:</i> <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 <a href="#">TR 21.900</a> .		<i>Use one of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6)

<b>Reason for change:</b>	⌘ TS 33.108 must not divert from the general HI definitions. TS 33.108 must allow for different national implementations.
<b>Summary of change:</b>	⌘ Subclause 4.4.1 is redefined in a open way.
<b>Consequences if not approved:</b>	⌘ Misalignment with TS 33.107, other TS 33.108 versions and ETSI ES 201 671

<b>Clauses affected:</b>	⌘ 4.4.1, 6.2.2 and 6.2.3						
<b>Other specs affected:</b>	<table border="1" style="font-size: x-small;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	⌘	X	Other core specifications	⌘
	Y	N					
	⌘	X					
<table border="1" style="font-size: x-small;"> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	⌘	X	Test specifications				
⌘	X						
<table border="1" style="font-size: x-small;"> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	⌘	X	O&M Specifications				
⌘	X						
<b>Other comments:</b>	⌘						

\*\*\* FIRST CHANGE \*\*\*

#### 4.4.1 Handover interface port 2 (HI2)

The handover interface port 2 shall transport the IRI from the NWO/AP/SvP's IIF to the LEMF.

The delivery ~~to~~of the handover interface port 2 shall be performed via data communication methods which are suitable for the network infrastructure and for the kind and volume of data to be transmitted. From the NWOs/APs/SvPs to LEMF delivery is subject to the facilities that may be procured by the government.

The delivery can in principle be made via different types of lower communication layers, which should be standard or widely used data communication protocols.

The individual IRI parameters shall be coded using ASN.1 and the basic encoding rules (BER). The format of the parameter's information content shall be based on existing telecommunication standards, where possible.

The individual IRI parameters have to be sent to the LEMF at least once (if available).

The IRI records shall contain information available from normal NWO/APs/SvP operating procedures. In addition the IRI records shall include information for identification and control purposes as specifically required by the HI2 port.

The IIF is not required to make any attempt to request explicitly extra information which has not already been supplied by a signalling system.

\*\*\* NEXT CHANGE \*\*\*

#### 6.2.2 Quality

The quality of service associated with the result of interception should be (at least) equal to the quality of service of the original content of communication. This may be derived from the QoS class used for the original intercepted session [7]. The QoS used from the NWOs/APs/SvPs to the LEMF is determined by what NWOs/APs/SvPs and law enforcement ~~procures~~ agree upon.

#### 6.2.3 Reliability

The reliability associated with the result of interception should be (at least) equal to the reliability of the original content of communication. This may be derived from the QoS class used for the original intercepted session [7].

Reliability from the NWOs/APs/SvPs to the LEMF is determined by what NWOs/APs/SvPs and law enforcement ~~procures~~ agree upon.

\*\*\* END OF CHANGES \*\*\*

CR-Form-v7	
<b>CHANGE REQUEST</b>	
⌘ <b>33.108 CR 016</b> ⌘ rev <b>1</b> ⌘	Current version: <b>6.1.0</b> ⌘

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

<b>Title:</b>	⌘ Changes to meet international LI Requirements		
<b>Source:</b>	⌘ SA WG3 (LI Group)		
<b>Work item code:</b>	⌘ SEC1-LI	<b>Date:</b>	⌘ 06/05/2003
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ Rel-6
	<i>Use one of the following categories:</i> <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 <a href="#">TR 21.900</a> .		<i>Use one of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6)

<b>Reason for change:</b>	⌘ TS 33.108 must not divert from the general HI definitions. TS 33.108 must allow for different national implementations.
<b>Summary of change:</b>	⌘ Subclause 4.4.1 is redefined in a open way.
<b>Consequences if not approved:</b>	⌘ Misalignment with TS 33.107, other TS 33.108 versions and ETSI ES 201 671

<b>Clauses affected:</b>	⌘ 4.4.1, 6.2.2 and 6.2.3						
<b>Other specs affected:</b>	<table border="1" style="font-size: x-small;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	⌘	X	Other core specifications	⌘
	Y	N					
	⌘	X					
<table border="1" style="font-size: x-small;"> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	⌘	X	Test specifications				
⌘	X						
<table border="1" style="font-size: x-small;"> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	⌘	X	O&M Specifications				
⌘	X						
<b>Other comments:</b>	⌘						

\*\*\* FIRST CHANGE \*\*\*

#### 4.4.1 Handover interface port 2 (HI2)

The handover interface port 2 shall transport the IRI from the NWO/AP/SvP's IIF to the LEMF.

The delivery ~~to~~ of the handover interface port 2 shall be performed via data communication methods which are suitable for the network infrastructure and for the kind and volume of data to be transmitted. From the NWOs/APs/SvPs to LEMF delivery is subject to the facilities [that may be](#) procured by the government.

The delivery can in principle be made via different types of lower communication layers, which should be standard or widely used data communication protocols.

The individual IRI parameters shall be coded using ASN.1 and the basic encoding rules (BER). The format of the parameter's information content shall be based on existing telecommunication standards, where possible.

The individual IRI parameters have to be sent to the LEMF at least once (if available).

The IRI records shall contain information available from normal NWO/APs/SvP operating procedures. In addition the IRI records shall include information for identification and control purposes as specifically required by the HI2 port.

The IIF is not required to make any attempt to request explicitly extra information which has not already been supplied by a signalling system.

\*\*\* NEXT CHANGE \*\*\*

#### 6.2.2 Quality

The quality of service associated with the result of interception should be (at least) equal to the quality of service of the original content of communication. This may be derived from the QoS class used for the original intercepted session [20]. However, when TCP is used as an OSI layer 4 protocol across the HI3, real time delivery of the result of the interception cannot be guaranteed. The QoS used from the NWOs/APs/SvPs to the LEMF is determined by what [NWOs/APs/SvPs and](#) law enforcement ~~procures~~ [agree upon](#).

#### 6.2.3 Reliability

The reliability associated with the result of interception should be (at least) equal to the reliability of the original content of communication. This may be derived from the QoS class used for the original intercepted session [7].

Reliability from the NWOs/APs/SvPs to the LEMF is determined by what [NWOs/APs/SvPs and](#) law enforcement ~~procures~~ [agree upon](#).

\*\*\* END OF CHANGES \*\*\*