Source: SA1

Title: CRs to 22.234 on Clarification of LCS in I-WLAN and corrections (Rel-7)

Document for: Approval

Agenda Item: 7.1.3

Meeting	SA Doc	TS No.	CR No	Rev	Rel	Cat	Subject	Vers Current	Vers New	SA1 Doc
SP-28	SP-050222	22.234	017	-	Rel-7	F	CR to 22.234 on a Correction of a faulty reference in 22.234	7.1.0	7.2.0	S1-050525
SP-28	SP-050222	22.234	018	-	Rel-7	B	Clarification of LCS in I-WLAN	7.1.0	7.2.0	S1-050532

CR-Form-v7.1

CHANGE REQUEST

| ⌘ | **22.234** CR | **017** | ⌘**rev** | **-** | ⌘ | Current version: | **7.1.0** | ⌘ |

*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 **X** Radio Access Network ☐   Core Network **X**

Title: ⌘	Correction of a faulty reference in 22.234	
Source: ⌘	SA1 (Ericsson)	
Work item code: ⌘	TEI7	***Date:*** ⌘ 07/04/2005

Category: ⌘ **F**	***Release:*** ⌘ Rel-7

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:
Ph2 *(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)*
Rel-7 *(Release 7)*

Reason for change: ⌘	The affected text is a refers to a title of a subchapter in 22.101. The name of this particular subchapter was changed in a CR 136 to Release 6 without changing the reference which makes the text difficult to understand. The fault has later propagated to release 7.
Summary of change: ⌘	The faulty reference is updated.
Consequences if not approved: ⌘	Inconsistency of Rel-7 specifications

Clauses affected: ⌘	5.1.6

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

Other comments: ⌘	

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.

5.1.6   Emergency calls

Any attempt to make an emergency call shall be handled as defined ~~for a Data Only network~~ in 3GPP TS 22.101[4].

CR-Form-v7

CHANGE REQUEST

| ⌘ | **22.234** CR **018** | ⌘**rev** | **-** | ⌘ | Current version: | **7.1.0** | ⌘ |

*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 **X** Radio Access Network ☐   Core Network **X**

Title: ⌘	**Clarification of LCS in I-WLAN**	
Source: ⌘	SA1 (Telcordia)	
Work item code: ⌘	I-WLAN, LCS	***Date:*** ⌘ 7/4/2005

Category: ⌘ **B**	***Release:*** ⌘ Rel-7

Use <u>one</u> 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 <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)*
   Rel-6   *(Release 6)*

Reason for change: ⌘	I-WLAN should support LCS and the TS does not explicitly call out this fact.
Summary of change: ⌘	Addition of relevant references, definition, and explicit requirement to support LCS for I-WLAN.
Consequences if not approved: ⌘	Mobile operators will not be able to take advantage of LCS when the users access 3GPP systems via I-WLAN

Clauses affected: ⌘	Clauses 2, 3.2. New Clause 6.X

	Y	N		
Other specs ⌘	**X**		Other core specifications ⌘	23.271
affected:		**X**	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

<< Modified sections >>

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1]   3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2]   3GPP TR 22.934 (V6): "Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking".

[3]   RFC 2486: "The Network Access Identifier".

[4]   3GPP TS 22.101: "Service principles".

[5]   3GPP TS 22.129: "Handover Requirements between UTRAN and GERAN or other Radio Systems".

[x]   3GPP TS 22.071: "Location Services (LCS); Stage1"

[6][y7]   3GPP TR 22.935: "Feasibility Study on Location Services (LCS) for Interworking-WLAN".

[7]

<< Next Change >>

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

APN	Access Point Name
CDR	Charging Data Record
CS	Circuit Switched
GGSN	Gateway GPRS Support Node
GPRS	General Packet Radio Service
HPLMN	Home PLMN
IMS	IP Multimedia Subsystem
IP	Internet Protocol
IPv4	IP version 4
IPv6	IP version 6
I-WLAN	Interworked / interworking WLAN
LCS	Location Services
PDG	Packet Data Gateway
PLMN	Public Land Mobile Network
PS	Packet Switched
SIM	Subscriber Identity Module

UE	User Equipment
UICC	USIM Integrated Circuit Card
USIM	Universal Subscriber Identity Module
VPLMN	Visited PLMN
WLAN	Wireless Local Area Network

<< Next Change >>

6.X   Support of LCS

The I-WLAN system shall be able to support LCS [6, 7].