Technical Specification Group Services and System Aspects   *TSGS#17(02)0548*
Meeting #17, Biarritz, France, 9-12 September 2002

Source: **SA1**

Title: **Release 4/5 CRs to 22.105 on Forbidden LAs for regional provision of service**

Document for: **Approval**

Agenda Item: **7.1.3**

SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-020548	22.105	037		Rel-4	F	CR on 22.105 Rel4, Forbidden LAs for regional provision of service	4.3.0	4.4.0	S1-021631
SP-020548	22.105	038		Rel-5	A	CR on 22.105 Rel5, Forbidden LAs for regional provision of service	5.2.0	5.3.0	S1-021634

CR-Form-v5.1

CHANGE REQUEST

| ⌘ | **22.105** CR **037** | ⌘**rev** | **-** | ⌘ | Current version: | **4.3.0** | ⌘ |

*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 ☐

Title: ⌘	Forbidden Location Areas for regional provision of service	
Source: ⌘	SA1 (Ericsson)	
Work item code: ⌘	TEI	***Date:*** ⌘ 08/06/2002
Category: ⌘ **F**		***Release:*** ⌘ Rel-4

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 <u>TR 21.900</u>.

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)*

Reason for change: ⌘	Stage 2 and stage 3 specifications do not incorporate functionality for Forbidden Location Area for regional provision of service. It is not clear from current version of TS 22.105 that this feature does not exist in UTRAN.
Summary of change: ⌘	Clarify use of Forbidden Location Area for regional provision of service
Consequences if not approved: ⌘	Confusion about applicability of feature.

Clauses affected: ⌘	10
Other specs affected: ⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ 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.

10   Access dependent services and features

This section describes the features that will be dependent on the mode of radio access.

In general different access networks provide different capabilities with different QoS.

- Multicall, as specified in 3GPP TS 22.135 [11], is supported only via UTRAN.

- Packet switched traffic using GPRS over GERAN will have a maximum rate in the order of 384kb/sec.

- Packet switched traffic using UTRAN will have a maximum rate in the order of 2Mb/sec.

- ASCI teleservices, 3GPP TS 22.003 [3] are only available in GERAN.

- SoLSA feature is only available in GERAN.

- The accuracy of the determination of location may differ between the various access technologies.

- At GERAN reception of CBS messages for a UE is not supported if it is connected in the CS domain or in the PS domain when data is currently transmitted.

- Transparent (T) mode of facsimile , as specified in 3GPP TS 22.003 [3], is only supported by GERAN.

- Non-transparent (NT) mode of facsimile, as specified in 3GPP TS 22.003 [3], is only supported by UTRAN.

- There are some differences at data rates and interworking scenarios between GERAN and UTRAN support of circuit bearer services . For further details see 3GPP TS 22.002 [2].

- Forbidden Location Areas for regional provision of service will not be available in UTRAN. See TS 22.011 for further information on "forbidden LAs for regional provision of service".

CR-Form-v5.1

CHANGE REQUEST

| ⌘ | **22.105** CR | **038** | ⌘**rev** | **-** | ⌘ | Current version: | **5.2.0** | ⌘ |

*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 ☐

Title: ⌘	Forbidden Location Areas for regional provision of service	
Source: ⌘	SA1 (Ericsson)	
Work item code: ⌘	TEI	***Date:*** ⌘ 080602

Category: ⌘ **A**	***Release:*** ⌘ Rel-5

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)*
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REL-5 *(Release 5)*

Reason for change: ⌘	Stage 2 and stage 3 specifications do not incorporate functionality for Forbidden Location Area for regional prrovision of service. It is not clear from current version of TS 22.105 that this feature does not exist in UTRAN.
Summary of change: ⌘	Clarify use of Forbidden Location Area for regional provision of service
Consequences if not approved: ⌘	Confusion about applicability of feature

Clauses affected: ⌘	10

Other specs affected: ⌘	☐ Other core specifications ⌘	
	☐ Test specifications	
	☐ O&M Specifications	

Other comments: ⌘	

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10　　　Access dependent services and features

This section describes the features that will be dependent on the mode of radio access.

In general different access networks provide different capabilities with different QoS.

-　Multicall, as specified in 3GPP TS 22.135 [11], is supported only via UTRAN.

-　Packet switched traffic using GPRS over GERAN will have a maximum rate in the order of 384kb/sec.

-　Packet switched traffic using UTRAN will have a maximum rate in the order of 2Mb/sec.

-　Packet switched traffic using HSDPA provides very high speed downlink packet access over the air interface supporting streaming, interactive and background packet data services etc. HSDPA will support packet data services in urban environments and indoor environments. However HSDPA service support is not be limited to these environments. HSDPA will be optimised at speeds typical of urban environments but shall apply at other speeds also. Full mobility will be supported, i.e., mobility should be supported for high-speed cases also, but optimisation should be for low-speed to medium-speed scenarios.

-　ASCI teleservices, 3GPP TS 22.003 [3] are only available in GERAN A/Gb mode of operation.

-　SoLSA feature is only available in GERAN A/Gb mode of operation.

-　The accuracy of the determination of location may differ between the various access technologies.

-　At GERAN reception of CBS messages for a UE is not supported if it is connected in the CS domain or in the PS domain when data is currently transmitted.

-　 Transparent (T) mode of facsimile , as specified in 3GPP TS 22.003 [3], is only supported by GERAN A/Gb mode of operation.

-　 Non-transparent (NT) mode of facsimile, as specified in 3GPP TS 22.003 [3], is only supported by UTRAN.

-　There are some differences at data rates and interworking scenarios between GERAN and UTRAN support of circuit bearer services . For further details see 3GPP TS 22.002 [2].

-　Forbidden Location Areas for regional provision of service will not be available in UTRAN. See TS 22.011 for further information on "forbidden LAs for regional provision of service".