TSG RAN Meeting #18 **RP-020750**
New Orleans, Louisiana, USA, 3 - 6 December, 2002

Title **CRs (Rel-4 and Rel-5 Category A) to TS 25.401**
Source **TSG RAN WG3**
Agenda Item **7.3.4**

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-022298	25.401	4.5.0	4.6.0	REL-4	061	-	F	Definition of URA	TEI4
R3-022299	25.401	5.4.0	5.5.0	REL-5	062	-	A	Definition of URA	TEI4

3GPP TSG-RAN3 Meeting #33 **Tdoc ⌘R3-022298**
Sophia Antipolis, France, 11th – 15th November 2002

CR-Form-v7

CHANGE REQUEST

⌘ **25.401** **CR** **061** ⌘ **rev** **-** ⌘ Current version: **4.5.0** ⌘

*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 ☐ Radio Access Network ☒ Core Network ☐

Title:	⌘	Definition of URA
Source:	⌘	RAN WG3
Work item code:	⌘	TEI4
Date:	⌘	17/10/2002
Category:	⌘	**F**
Release:	⌘	Rel-4

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:
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:	⌘	Currently there is no definition for the URA nor the URA Identity in 25.401. Both concepts are however used in the specification and a clarification is therefore needed.
Summary of change:	⌘	A new abbreviation is added defining the URA. A new chapter is added to define the URA Identity. Impact Assessment: This CR has no impact with the previous version of the specification (same release) since there is no functional modificaton.
Consequences if not approved:	⌘	If the CR is not approved, the Rel-4 version of the specification will not be in line with proposed changes to Rel-5.

Clauses affected:	⌘	3.2, new 6.1.x

	Y	N			
Other specs affected:	X		Other core specifications	⌘	25.401 v5.4.0 CR062
		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.

3.2 Abbreviations

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

ALCAP	Access Link Control Application Part
BM-IWF	Broadcast Multicast Interworking Function
BMC	Broadcast/Multicast Control
BSS	Base Station Subsystem
CBC	Cell Broadcast Centre
CBS	Cell Broadcast Service
CN	Core Network
CPCH	Common Packet Channel
CRNC	Controlling Radio Network Controller
DCH	Dedicated Channel
DL	Downlink
DRNS	Drift RNS
FACH	Forward Access Channel
FFS	For Further Study
GTP	GPRS Tunnelling Protocol
MAC	Medium Access Control
NAS	Non Access Stratum
NBAP	Node B Application Part
PCH	Paging Channel
QoS	Quality of Service
RAB	Radio Access Bearer
RACH	Random Access Channel
RANAP	Radio Access Network Application Part
RNC	Radio Network Controller
RNS	Radio Network Subsystem
RNSAP	Radio Network Subsystem Application Part
RNTI	Radio Network Temporary Identity
SAB	Service Area Broadcast
SRNC	Serving Radio Network Controller
SRNS	Serving RNS
TEID	Tunnel Endpoint Identifier
TTI	Transmission Time Interval
UE	User Equipment
UL	Uplink
UMTS	Universal Mobile Telecommunication System
URA	UTRAN Registration Area
USIM	UMTS Subscriber Identity Module
UTRAN	Universal Terrestrial Radio Access Network

6.1.x URA Identity

The URA identity is used to uniquely identify an URA, which is a specified set of UTRAN cells. The URA identity can be used to indicate to the UE and the SRNC which URA it shall use in case there are multiple URA identities broadcast in the cell where the UE is located.

3GPP TSG-RAN3 Meeting #33 **Tdoc ⌘R3-022299**
Sophia Antipolis, France, 11th – 15th November 2002

CR-Form-v7

CHANGE REQUEST

⌘ **25.401** **CR** **062** ⌘ **rev** **-** ⌘ Current version: **5.4.0** ⌘

*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 ☐ Radio Access Network ☒ Core Network ☐

Title:	⌘	Definition of URA
Source:	⌘	RAN WG3
Work item code:	⌘	TEI4
Date:	⌘	17/10/2002
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)*
D *(editorial modification)*
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Use one of the following releases:
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Reason for change:	⌘	Currently there is no definition for the URA nor the URA Identity in 25.401. Both concepts are however used in the specification and a clarification is therefore needed.
Summary of change:	⌘	A new abbreviation is added defining the URA. A new chapter is added to define the URA Identity. Impact Assessment: This CR has no impact with the previous version of the specification (same release) since there is no functional modificaton.
Consequences if not approved:	⌘	If the CR is not approved, the definition of URA will be incorrect (i.e. GERAN cells will not be included in Rel-5).

Clauses affected:	⌘	3.2, new 6.1.x

	Y	N			
Other specs affected:	X		Other core specifications	⌘	25.401 v4.5.0 CR061
		X	Test specifications		
		X	O&M Specifications		

Other comments:	⌘	

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3.2 Abbreviations

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

AAL	ATM Adaptation Layer
AAL2	ATM Adaptation Layer 2
ALCAP	Access Link Control Application Part
ATM	Asynchronous Transfer Mode
BM-IWF	Broadcast Multicast Interworking Function
BMC	Broadcast/Multicast Control
BSS	Base Station Subsystem
CBC	Cell Broadcast Centre
CBS	Cell Broadcast Service
CN	Core Network
CPCH	Common Packet Channel
CRNC	Controlling Radio Network Controller
DCH	Dedicated Channel
DL	Downlink
DRNS	Drift RNS
EDGE	Enhanced Data rates for Global Evolution
FACH	Forward Access Channel
FFS	For Further Study
GERAN	GSM EDGE Radio Access Network
GSM	Global System for Mobile Communications
GTP	GPRS Tunnelling Protocol
IPv4	Internet Protocol, version 4
IPv6	Internet Protocol, version 6
LA	Location Area
MAC	Medium Access Control
NAS	Non Access Stratum
NBAP	Node B Application Part
NNSF	NAS Node Selection Fuction
NSAP	Network Service Access Point
PCH	Paging Channel
QoS	Quality of Service
RAB	Radio Access Bearer
RACH	Random Access Channel
RANAP	Radio Access Network Application Part
RNC	Radio Network Controller
RNL	Radio Network Layer
RNS	Radio Network Subsystem
RNSAP	Radio Network Subsystem Application Part
RNTI	Radio Network Temporary Identity
SAB	Service Area Broadcast
SAS	Standalone A-GPS SMLC
SMLC	Serving Mobile Location Centre
SNA	Shared Network Area
SRNC	Serving Radio Network Controller
SRNS	Serving RNS
TEID	Tunnel Endpoint Identifier
TNL	Transport Network Layer
TTI	Transmission Time Interval
UDP	User Datagram Protocol
UE	User Equipment
UL	Uplink
UMTS	Universal Mobile Telecommunication System
URA	UTRAN Registration Area
USIM	UMTS Subscriber Identity Module
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