TSG RAN Meeting #23 **RP-040063**
Phoenix, Arizona, USA, 10 - 12 March 2004

Title **CRs (Rel-5 and Rel-6 Category A) to TS 25.419 on Broadcast Message Content IE**
Source **TSG RAN WG3**
Agenda Item **7.4.5**

RAN3 Tdoc	CR.	Rev.	Cat	Spec.	curr. Vers.	new Vers.	REL	Work Item	Title
R3-040470	131	1	F	25.419	5.6.0	5.7.0	Rel5	TEI5	Correction to 25.419 for Broadcast Message Content IE
R3-040471	132	1	A	25.419	6.0.0	6.1.0	Rel6	TEI5	Correction to 25.419 for Broadcast Message Content IE

3GPP TSG-RAN3 Meeting #41
Malaga, Spain, 16 - 20 February 2004

Tdoc ⌘R3-040470

CR-Form-v7

CHANGE REQUEST

⌘ **25.419** **CR** **131** ⌘ **rev** **1** ⌘ Current version: **5.6.0** ⌘

*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:	⌘	Correction to 25.419 for Broadcast Message Content IE
Source:	⌘	RAN3
Work item code:	⌘	TEI5
Date:	⌘	16/02/2004
Category:	⌘	**F**
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)*
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: ⌘ In the current version of 25.419, the type of Broadcast Message Content IE is defined as BIT STRING (1..9968) while in 25.324 the similar IE(i.e. CB Data IE) is defined as Octet string (N) where N ≥ 1. This misalignment would cause a problem that if the size of bit is not multiple of 8, the RNC does not know how to convert the data from bitstring to octet string when transfer from the CN to the UE.
This issue has been pointed out in R3-040065 and in RAN3#40, it was agreed to add an explanation in Semantics Description of the IE.

Summary of change: ⌘ Rev1: only to show "The size of the received bitstring shall be multiple of 8." in sementic description.

Base on the understanding that the CN will always send the *Broadcast Message Content* IE for which the length is multiple of 8 according to 23.041, an explanation is added in Semantics Description of Broadcast Message Content IE to show that the RNC need not do octet adignment (padding) when transfer to the UE. It is also clarified that the size of bit from 1 to 7 of Broadcast Message Content IE is not applicable.

Impact Analysis:
Impact assessment towards the previous version of the specification (same release):
This CR has [isolated impact] with the previous version of the specification (same release) because it might affect only the Broadcast Message Content IE.
This CR has an impact under [functional] point of view.
The impact [can] be considered isolated because the change affects [one] [system function] namely the Write Replace.

Consequences if not approved:	⌘	It will be unclear how to convert the bit string to octet string when transfer the Broadcast Message Content IE from the CN to the UE.

Clauses affected:	⌘	9.2.2			
Other specs affected:	⌘	**Y** / **N** **X** / ( ) ( ) / **X** ( ) / **X**	Other core specifications Test specifications O&M Specifications	⌘	25.419 v6.0.0 CR132r1
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.

9.2.2 Broadcast Message Content

Broadcast Message Content IE is sent from the CN to the RNC containing user information i.e. the message, and will be broadcast over the radio interface.

IE/GROUP NAME	PRESENCE	RANGE	IE Type and	Semantics Description
Broadcast Message Content	M		BIT STRING (1..9968)	The size of the received bitstring shall be multiple of 8.

3GPP TSG-RAN3 Meeting #41
Malaga, Spain, 16 - 20 February 2004

Tdoc ⌘R3-040471

CR-Form-v7

CHANGE REQUEST

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Source:	⌘	RAN3
Work item code:	⌘	TEI5
Date:	⌘	16/02/2004
Category:	⌘	**A**
Release:	⌘	REL-6

Use one of the following categories:
F *(correction)*
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Other comments:	⌘				

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