TSG RAN Meeting #18   **RP-020771**
New Orleans, Louisiana, USA, 3 - 6 December, 2002

Title	**CRs (Rel-5 only) to 25.425 and 25.435 on Clarification for the Maximum MAC-d PDU Length**
Source	**TSG RAN WG3**
Agenda Item	**7.3.5**

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-022576	25.425	5.2.0	5.3.0	REL-5	057	1	F	Clarification for the Maximum MAC-d PDU Length	HSDPA-Iublur
R3-022577	25.435	5.2.0	5.3.0	REL-5	091	1	F	Clarification for the Maximum MAC-d PDU Length	HSDPA-Iublur

CR-Form-v7

CHANGE REQUEST

| ⌘ | **25.425** CR **057** | ⌘ **rev** | **1** | ⌘ | 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: UICC apps⌘ ☐ ME ☐ Radio Access Network **X** Core Network ☐

Title: ⌘	Clarification for the Maximum MAC-d PDU Length	
Source: ⌘	RAN WG3	
Work item code: ⌘	HSDPA-IubIur	***Date:*** ⌘ 11/11/2002
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: ⌘	According to the RNSAP specification, the MAC-d PDU Sizes, which one Priority Queue can support, are configured associated with SID. This means the MAC-d PDU Size is restricted. However, in TS25.425, there is not restriction of the MAC-d PDU Size. Therefore, TS25.425 should refer to RNSAP. In addition, C/T field provides identification of the logical channel instance when multiple logical channels are carried on the same MAC-d flow. Therefore, C/T field is not always necessary.
Summary of change: ⌘	Rev.1 - Sepcification number in the cover page is corrected. - The text is refined (highlighted in yellow). - Value range is added. - The semantics description of Field length is corrected. Rev.0 This CR proposes to clarify that the MAC-d PDU Size shall be set to the one of the configured sizes by RNSAP. Besides, the text that mentions C/T filed is deleted.
Consequences if not approved: ⌘	If this CR is not approved, there might be an inconsistency between TS25.425 and RNSAP. As a result, SID might not make any sense. 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 implementations supporting HSDPA. This CR has an impact under [functional] point of view.

		The impact [can] be considered isolated because the change affects [one] [system function] namely HSDPA.

Clauses affected:	⌘	6.3.3.6.2		

		Y	N				
Other specs affected:	⌘	X		Other core specifications	⌘	CR91 on TS25.435v5.2.0	
			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.

Field length: Refer to subclause 6.2.5.16See the value of the *MAC d PDU Length* IE.

CR-Form-v7

CHANGE REQUEST

| ⌘ | **25.435** CR **091** | ⌘ **rev** | **1** | ⌘ | 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: UICC apps⌘ ☐   ME ☐ Radio Access Network **X** Core Network ☐

Title:	⌘	Clarification for the Maximum MAC-d PDU Length
Source:	⌘	RAN WG3
Work item code:	⌘ HSDPA-IubIur	**Date:** ⌘ 11/11/2002
Category:	⌘ **F**	**Release:** ⌘ Rel-5

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)
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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)
Rel-6 (Release 6)

Reason for change:	⌘	According to the NBAP specification, the MAC-d PDU Sizes, which one Priority Queue can support, are configured associated with SID. This means the MAC-d PDU Size is restricted. However, in TS25.435, there is not restriction of the MAC-d PDU Size. Therefore, TS25.435 should refer to NBAP.
		In addition, C/T field provides identification of the logical channel instance when multiple logical channels are carried on the same MAC-d flow. Therefore, C/T field is not always necessary.
Summary of change:	⌘	<u>Rev.1</u> - The text is refined (highlighted in yellow). - Value range is added. - The semantics description of Field length is corrected. <u>Rev.0</u> This CR proposes to clarify that the MAC-d PDU Size shall be set to the one of the configured sizes by NBAP. Besides, the text that mentions C/T filed is deleted.
Consequences if not approved:	⌘	If this CR is not approved, there might be an inconsistency between TS25.435 and NBAP. As a result, SID might not make any sense.
		<u>Impact Analysis:</u>
		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 implementations supporting HSDPA.
		This CR has an impact under [functional] point of view. The impact [can] be considered isolated because the change affects [one]

		[system function] namely HSDPA.

Clauses affected:	⌘	6.3.3.11.2		

		Y	**N**			
Other specs	⌘	**X**		Other core specifications	⌘	CR057 on TS25.425v5.2.0
affected:			**X**	Test specifications		
			X	O&M Specifications		

Other comments:	⌘	

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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.

Field length: Refer to subclause 6.2.7.23See the value of the *MAC-d PDU Length* IE.