TSG RAN Meeting #23 **RP-040066**
Phoenix, Arizona, USA, 10 - 12 March 2004

Title   CRs (Rel-5 and Rel-6 Category A) to TS 25.423 and TS 25.433 on Priority
                             Queue ID for HSDPA
Source   TSG RAN WG3
Agenda Item   7.4.6

RAN3 Tdoc	CR.	Rev.	Cat	Spec.	curr. Vers.	new Vers.	REL	Work Item	Title
R3-040476	961	1	F	25.433	5.7.0	5.8.0	REL-5	HSDPA -IubIur	Priority Queue ID for HSDPA
R3-040477	962	1	A	25.433	6.0.0	6.1.0	REL-6	HSDPA -IubIur	Priority Queue ID for HSDPA
R3-040478	913	1	F	25.423	5.8.0	5.9.0	REL-5	HSDPA -IubIur	Priority Queue ID for HSDPA
R3-040479	914	1	A	25.423	6.0.0	6.1.0	REL-6	HSDPA -IubIur	Priority Queue ID for HSDPA

CR-Form-v7

CHANGE REQUEST

| ⌘ | **25.423** CR **913** | ⌘**rev** | **1** | ⌘ | Current version: | **5.8.0** | ⌘ |

*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: ⌘	Priority Queue ID for HSDPA	
Source: ⌘	RAN3	
Work item code:⌘	HSDPA-IubIur	***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 RNSAP specification the mapping relationship between each Priority Queue and the MAC-d flows, in terms of the Priority Queue ID is not clear. The specification should be changed to state that the Priority Queue ID is unique across MAC-d flows. This will align the RNSAP specification with the recent changes to 25.331 regarding how the MAC-hs queue ID is unique across MAC-d flows.
Summary of change:⌘	Rev 1: Text for the change for Priority Queue ID is updated to use the term UE Context rather than just UE. Rev 0: A textual clarification is added to the description for the Priority Queue ID stating how the Priority Queue ID is unique across MAC-d flows. 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 relationship between the MAC-d flows and the Priority Queue ID. 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 allocation of the Priority Queue ID.
Consequences if not approved: ⌘	Developers will be unclear about the relationship between the Priority Queue ID and MAC-d flows.

Clauses affected:	⌘	9.2.1.45A	

		Y	N			
Other specs	⌘	**X**		Other core specifications	⌘	25.433 v5.7.0 CR961, 25.423 v6.0.0 CR914, 25.433 v6.0.0 CR962
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.

9.2.1.45A Priority Queue ID

The *Priority Queue ID* IE provides the identity of the Priority Queue. The Priority Queue ID is unique across all MAC-d flows that are currently allocated for one UE Context.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Priority Queue ID			INTEGER (0..7)	

CR-Form-v7

CHANGE REQUEST

⌘ **25.423** CR **914** ⌘ **rev** **1** ⌘ Current version: **6.0.0** ⌘

*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: ⌘	Priority Queue ID for HSDPA

Source: ⌘	RAN3

Work item code:⌘	HSDPA-IubIur	***Date:*** ⌘	16/02/2004

Category: ⌘	**A**	***Release:*** ⌘	REL-6

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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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 RNSAP specification the mapping relationship between each Priority Queue and the MAC-d flows, in terms of the Priority Queue ID is not clear. The specification should be changed to state that the Priority Queue ID is unique across MAC-d flows. This will align the RNSAP specification with the recent changes to 25.331 regarding how the MAC-hs queue ID is unique across MAC-d flows.

Summary of change:⌘	Rev 1: Text for the change for Priority Queue ID is updated to use the term UE Context rather than just UE.
	Rev 0: A textual clarification is added to the description for the Priority Queue ID stating how the Priority Queue ID is unique across MAC-d flows.
	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 relationship between the MAC-d flows and the Priority Queue ID. 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 allocation of the Priority Queue ID.

Consequences if not approved: ⌘	Developers will be unclear about the relationship between the Priority Queue ID and MAC-d flows.

		Y	**N**			
Clauses affected:	⌘	9.2.1.45A				
Other specs	⌘	**X**		Other core specifications	⌘	25.433 v6.0.0 CR962, 25.433 v5.7.0 CR961, 25.423 v5.8.0 CR913
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.

9.2.1.45A   Priority Queue ID

The *Priority Queue ID* IE provides the identity of the Priority Queue. The Priority Queue ID is unique across all MAC-d flows that are currently allocated for one UE Context.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Priority Queue ID			INTEGER (0..7)	

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CHANGE REQUEST

⌘   **25.433 CR 961**   ⌘**rev 1** ⌘   Current version: **5.7.0** ⌘

*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: ⌘	Priority Queue ID for HSDPA	
Source: ⌘	RAN3	
Work item code:⌘	HSDPA-IubIur	***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)*
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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 NBAP specification the mapping relationship between each Priority Queue and the MAC-d flows, in terms of the Priority Queue ID is not clear. The specification should be changed to state that the Priority Queue ID is unique across MAC-d flows. This will align the NBAP specification with the recent changes to 25.331 regarding how the MAC-hs queue ID is unique across MAC-d flows.
Summary of change:⌘	<u>Rev 1:</u> Text for the change for Priority Queue ID is updated to use the term Node B Communication Context rather than UE. <u>Rev 0:</u> A textual clarification is added to the description for the Priority Queue ID stating how the Priority Queue ID is unique across MAC-d flows. <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 only the relationship between the MAC-d flows and the Priority Queue ID. 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 allocation of the Priority Queue ID.
Consequences if not approved: ⌘	Developers will be unclear about the relationship between the Priority Queue ID and MAC-d flows.

		Y	N			
Clauses affected:	⌘	9.2.1.49C				
Other specs	⌘	**X**		Other core specifications	⌘	25.423 v5.8.0 CR 913, 25.433 v6.0.0 CR 962, 25.423 v6.0.0 CR 914
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.

9.2.1.49C   Priority Queue ID

The Priority Queue ID provides the identity of the Priority Queue. The Priority Queue ID is unique across all MAC-d flows that are currently allocated for one Node B Communicationn Context.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Priority Queue ID			INTEGER (0..7)	

CR-Form-v7

CHANGE REQUEST

⌘ **25.433** CR **962** ⌘**rev** **1** ⌘ Current version: **6.0.0** ⌘

*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: ⌘	Priority Queue ID for HSDPA	
Source: ⌘	RAN3	
Work item code: ⌘	HSDPA-IubIur	***Date:*** ⌘ 16/02/2004

Category: ⌘ **A**   ***Release:*** ⌘ REL-6

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Reason for change: ⌘	In the current NBAP specification the mapping relationship between each Priority Queue and the MAC-d flows, in terms of the Priority Queue ID is not clear. The specification should be changed to state that the Priority Queue ID is unique across MAC-d flows. This will align the NBAP specification with the recent changes to 25.331 regarding how the MAC-hs queue ID is unique across MAC-d flows.
Summary of change: ⌘	Rev 1: Text for the change for Priority Queue ID is updated to use the term Node B Communication Context rather than UE. Rev 0: A textual clarification is added to the description for the Priority Queue ID stating how the Priority Queue ID is unique across MAC-d flows. 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 relationship between the MAC-d flows and the Priority Queue ID. 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 allocation of the Priority Queue ID.
Consequences if not approved: ⌘	Developers will be unclear about the relationship between the Priority Queue ID and MAC-d flows.

Clauses affected:	⌘	9.2.1.49C		

		Y	**N**		
Other specs	⌘	X		Other core specifications	⌘	25.423 v6.0.0 CR914, 25.423 v5.8.0 CR913, 25.433 v5.7.0 CR961
affected:			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘		

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9.2.1.49C   Priority Queue ID

The Priority Queue ID provides the identity of the Priority Queue. The Priority Queue ID is unique across all MAC-d flows that are currently allocated for one Node B Communication Context.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Priority Queue ID			INTEGER (0..7)	