TSG RAN Meeting #24   **RP-040177**
SEOUL, South Korea, 02 - 04 June 2004

Title   **CRs (Rel-5 and Rel-6 Category A) to TS 29.108**
Source   **TSG RAN WG3**
Agenda Item   **7.4.5**

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	CR	Rev	Cat	Rel	Title	Work item
R3-040746	TS 29.108	5.3.0	5.4.0	14	-	F	Rel-5	PUESBINE support over E-interface	RANimp-FSEarlyUE
R3-040747	TS 29.108	6.0.0	6.1.0	15	-	A	Rel-6	PUESBINE support over E-interface	RANimp-FSEarlyUE

								CR-Form-v7

CHANGE REQUEST

⌘	**29.108** CR **14**	⌘**rev**	**-**	⌘	Current version:	**5.3.0**	⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network **X**

Title: ⌘	PUESBINE support over E-interface	
Source: ⌘	RAN3	
Work item code: ⌘	RANimp-FSEarlyUE	***Date:*** ⌘ 05/05/2004
Category: ⌘ **F**	*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.	***Release:*** ⌘ Rel-5 *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: ⌘	Due to PUESBINE feature UE Specific Information procedure was introduced to Rel-5 RANAP, however it is still missing from 3GPP TS 29.108. UE Specific Information procedure is used if the UESBI-Iu information is not yet available during Common ID procedure and at the moment it is not possible to indicate the UESBI-Iu over E-interface in such situation.
Summary of change: ⌘	UE Specific Information procedure and the related UE SPECIFIC INFORMATION INDICATION message is added to 3GPP TS 29.108. Impact assessment towards the previous version of the specification (same release): This CR has isolated impact towards the previous version of the specification (same release). This CR has an impact under functional point of view. The impact can be considered isolated because it only affects the PUESBINE function over E-interface.
Consequences if not approved: ⌘	It still is not possible to send UE SPECIFIC INFORMATION INDICATION message over E-interface.
Clauses affected: ⌘	5, 5.16(new) and 6

		Y	N		
Other specs affected: ⌘		**X**		Other core specifications ⌘	TS 29.108 Rel-6, CR15
			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.

5   Use of the RANAP on the E-interface

The dedicated RANAP procedures used on the E-interface to some extent are:

- RAB assignment;

- RAB Release Request;

- Iu Release Request;

- Relocation resource allocation;

- Relocation Detect;

- Relocation Complete;

- Relocation Cancel;

- CN Invoke Trace;

- Security mode control;

- Location Reporting Control;

- Location Report;

- Direct Transfer;

- Error Indication;

- Common ID;

- Location Related Data-;

- UE Specific Information.

Next change

5.15   Location Related Data

For the Location Related Data procedure (TS 25.413, subclause 8.31), the involved 3G_MSCs shall act according to the following:

- the 3G_MSC-A acts as the 3G_MSC;

- the 3G_MSC-I acts as the RNS.

5.16   UE Specific Information

For the UE Specific Information procedure (TS 25.413, subclause 8.33), the involved 3G MSCs shall act according to the following:

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Next change

6 RANAP messages transferred on the E-interface

The list given below shows the RANAP messages, defined in TS 25.413 subclause 9.1(tabular format) and 9.3 (ASN.1 notation) that are transferred on the E-interface.

	RAB ASSIGNMENT REQUEST	(3G_MSC-A -> 3G_MSC-I)
	RAB ASSIGNMENT RESPONSE	(3G_MSC-I -> 3G_MSC-A)
	RAB RELEASE REQUEST	(3G_MSC-I -> 3G_MSC-A)
	IU RELEASE REQUEST	(3G_MSC-I -> 3G_MSC-A and 3G_MSC-T -> 3G_MSC-A)
*	RELOCATION REQUEST	(3G_MSC-A -> 3G_MSC-T and 3G_MSC-I -> 3G_MSC-A)
*	RELOCATION REQUEST ACKNOWLEDGE	(3G_MSC-T -> 3G_MSC-A and 3G_MSC-A -> 3G_MSC-I)
*	RELOCATION DETECT	(3G_MSC-T -> 3G_MSC-A)
*	RELOCATION COMPLETE	(3G_MSC-T -> 3G_MSC-A)
*	RELOCATION FAILURE	(3G_MSC-T -> 3G_MSC-A and 3G_MSC-A -> 3G_MSC-I)
*	RELOCATION CANCEL	(3G_MSC-I -> 3G_MSC-A)
*	RELOCATION CANCEL ACKNOWLEDGE	(3G_MSC-A -> 3G_MSC-I)
#	CN INVOKE TRACE	(3G_MSC-A -> 3G_MSC-I and 3G_MSC-A -> 3G_MSC-T)
	SECURITY MODE COMMAND	(3G_MSC-A -> 3G_MSC-I)
	SECURITY MODE COMPLETE	(3G_MSC-I -> 3G_MSC-A)
	SECURITY MODE REJECT	(3G_MSC-I -> 3G_MSC-A)
	LOCATION REPORTING CONTROL	(3G_MSC-A -> 3G_MSC-I and 3G_MSC-A -> 3G_MSC-T)
	LOCATION REPORT	(3G_MSC-I -> 3G_MSC-A)
	DIRECT TRANSFER	(3G_MSC-A -> 3G_MSC-I and 3G_MSC-I -> 3G_MSC-A)
	ERROR INDICATION	(3G_MSC-A -> 3G_MSC-I and 3G_MSC-I -> 3G_MSC-A)
#	CN DEACTIVATE TRACE	(3G_MSC-A -> 3G_MSC-I)
	COMMON ID	(3G_MSC-A->3G_MSC-I)
	LOCATION RELATED DATA REQUEST	(3G_MSC-A -> 3G_MSC-I)
	LOCATION RELATED DATA RESPONSE	(3G_MSC-I -> 3G_MSC-A)
	LOCATION RELATED DATA FAILURE	(3G_MSC-I -> 3G_MSC-A)
	UE SPECIFIC INFORMATION INDICATION	(3G_MSC-A -> 3G_MSC-I)

All other RANAP messages shall be considered as non-existent on the E-interface.

Some of the messages above are qualified by * or #. This indicates whether the message, when sent on the E interface, is considered as:

- relocation related message (*); or

- trace related message (#).

<table>
<tr><td colspan="3" align="right">*CR-Form-v7*</td></tr>
<tr><td colspan="3" align="center"># **CHANGE REQUEST**</td></tr>
</table>

⌘ **29.108** CR **15** ⌘**rev** **-** ⌘ Current version: **6.0.0** ⌘

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Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network **X**

Title: ⌘	PUESBINE support over E-interface	

Source: ⌘	RAN3

Work item code: ⌘	RANimp-FSEarlyUE	***Date:*** ⌘	05/05/2004

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

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:
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R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change: ⌘	Due to PUESBINE feature UE Specific Information procedure was introduced to Rel-5 RANAP, however it is still missing from 3GPP TS 29.108. UE Specific Information procedure is used if the UESBI-Iu information is not yet available during Common ID procedure and at the moment it is not possible to indicate the UESBI-Iu over E-interface in such situation.

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Consequences if not approved: ⌘	It still is not possible to send UE SPECIFIC INFORMATION INDICATION message over E-interface.

Clauses affected: ⌘	5, 5.16(new) and 6

	Y	**N**		
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-   CN Invoke Trace;

-   Security mode control;

-   Location Reporting Control;

-   Location Report;

-   Direct Transfer;

-   Error Indication;

-   Common ID;

-   Location Related Data;

-   UE Specific Information.

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	LOCATION RELATED DATA REQUEST	(3G_MSC-A -> 3G_MSC-I)
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