TSG RAN Meeting #22   **RP-030675**
Maui, USA, 9 - 12 December 2003

Title   **CRs CRs (Rel-5 and Rel-6 Category A) to TS 25.401 on NAS/AS issue for shared networks in connected mode**
Source   **TSG RAN WG3**
Agenda Item   **7.4.5**

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-031827	25.401	5.6.0	5.7.0	REL-5	075	2	F	NAS/AS issue for shared networks in connected mode	NETSHARE
R3-031828	25.401	6.1.0	6.2.0	REL-6	076	1	A	NAS/AS issue for shared networks in connected mode	NETSHARE

CR-Form-v7

CHANGE REQUEST

⌘	**25.401** CR **075**	⌘ **rev**	**2**	⌘	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 **X**   Core Network **X**

Title: ⌘	NAS/AS issue for shared networks in connected mode	
Source: ⌘	RAN3	
Work item code: ⌘	NETSHARE	***Date:*** ⌘ 20/11/2003
Category: ⌘	**F**	***Release:*** ⌘ Rel-5

Use <u>one</u> of the following categories:	Use <u>one</u> of the following releases:
F (correction)	2 (GSM Phase 2)
A (corresponds to a correction in an earlier release)	R96 (Release 1996)
B (addition of feature),	R97 (Release 1997)
C (functional modification of feature)	R98 (Release 1998)
D (editorial modification)	R99 (Release 1999)
Detailed explanations of the above categories can	Rel-4 (Release 4)
be found in 3GPP TR 21.900.	Rel-5 (Release 5)
	Rel-6 (Release 6)

Reason for change: ⌘	Current specifcations description of the Shared Network Access Control function in TS 25.401 says "If access is not allowed, the UTRAN shall prevent the UE to obtain new resources in the concerned LA". This could lead to the wrong interpretation that as soon as the UE access is rejected, RRC connection should be released immediately.
Summary of change: ⌘	The change consists in a wording modification to the section about Shared Networks Access Control function of 25.401: "if access is not allowed, the UTRAN shall request the CN to release existing resources either by initiating Iu Release Request procedure with cause value "Access Restricted due to Shared Network" or by requesting a relocation with the same cause value". <u>Impact assessment towards the previous version of the specification (same release):</u> 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 Iu release procedure for the Shared Networks Access Control function.
Consequences if not approved: ⌘	Some RNC implementations could in this particular case always autonomously release the RRC connection.
Clauses affected: ⌘	7.2.3.6

		Y	N			
Other specs affected:	⌘	X		Other core specifications	⌘	CR076r1 25.401 Rel-6
			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.

7.2.3.6   Shared Networks Access Control

The Shared Networks Access Control function allows the CN to request the UTRAN to apply UE specific access control to LAs of the UTRAN and LAs of neighbouring networks.

The Shared Networks Access Control function is based on either whole PLMNs or Shared Network Areas (SNAs). An SNA is an area corresponding to one ore more LAs within a single PLMN to which UE access can be controlled.

In order to apply Shared Networks Access Control for the UTRAN or for a neighbouring system, the UTRAN shall be aware of whether the concerned LA belongs to one (or several) SNA(s) or not.

If access for a specific UE needs to be restricted, the CN shall provide SNA Access Information for that UE. The SNA Access Information indicates which PLMNs and/or which SNAs the UE is allowed to access.

Based on whether the LA belongs to the PLMNs or SNAs the UE is allowed to access, the UTRAN determines if access to a certain LA for a certain UE shall be allowed.

If access is not allowed, the UTRAN shall request the CN to release existing resources either by initiating Iu Release Request procedure with cause value "Access Restricted due to Shared Network" or by requesting a relocation with the same cause value~~prevent the UE to obtain new resources in the concerned LA~~.

CR-Form-v7

CHANGE REQUEST

| ⌘ | **25.401** CR **076** | ⌘ **rev** | **1** | ⌘ | Current version: | **6.1.0** | ⌘ |

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Title: ⌘	NAS/AS issue for shared networks in connected mode	
Source: ⌘	RAN3	
Work item code: ⌘	NETSHARE	***Date:*** ⌘ 19/11/2003

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

Use one of the following categories:
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B (addition of feature),
C (functional modification of feature)
D (editorial modification)
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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)

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Clauses affected: ⌘	7.2.3.6

Other specs	⌘	Y	N		⌘	CR075r2 25.401 Rel-5
Other specs affected:		**X**		Other core specifications		
			X	Test specifications		
			X	O&M Specifications		
Other comments:	⌘					

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