

3GPP TSG RAN Meeting #23
Phoenix, US, 10 - 12 March 2004

RP-040077

3GPP TSG-RAN WG3 Meeting #41
Malaga, Spain, 16th - 20th February 2004

R3-040555

Title: LS on TSG RAN task to TSG RAN WG3 regarding ATM/IP-Interworking
Response to: -
Release: Rel-5
Work Item: ETRAN-IPTrans

Source: RAN3
To: TSG RAN
Cc: -

Contact Person:

Name: Thomas Ulrich
Tel. Number: +49 30 386 31094
E-mail Address: Thomas.Ulrich@siemens.com

Attachments: -

1. Overall Description:

As interworking of IP and ATM based nodes has still open issues in Rel-5, TSG RAN WG3 received the following task from TSG RAN#22:

RAN WG3 to solve the technical aspects and to provide the necessary CRs to implement each option under discussion.

This task has been discussed at WG3 meeting #40 and #41 and concluded in the following:

First of all, RAN3 agreed that:

- ?? Q.2631.1 is a tool to provide connectivity between ATM and IP nodes in the context of interworking option 3 (Interworking Unit as a separate logical unit)
- ?? PWE3 is a tool to provide ATM connectivity over IP in the context of interworking option 1 (ATM/IP Dual Stack supported in the IP UTRAN node)
- ?? PWE3 is not a mandatory integral part of interworking option 1.

Then, 4 sets of CRs were discussed at WG3 meeting #41 and three of them were technically endorsed as described below:

CR set Nr.1 (R3-040486 up to R3-040497 contained in RP-040054):

In the first set of CRs, IP/ATM interworking is ensured by application of ITU-T protocol Q.2631.1 for connection control signalling.

CR set Nr.2 (R3-040535 and R3-040536 contained in RP-040056):

In the second set of CRs, connectivity for ATM nodes over IP networks in the context of interworking option 1 (dual stack) is ensured by means of PWE3 (pseudo wire emulation).

CR set Nr.3 (R3-040523 up to R3-040534 contained in RP-040055:

The 3rd set of CRs represents a technically endorsed alternative that removes the third interworking option from the respective specifications.

2. Actions:

To TSG RAN group.

ACTION:

TSG RAN WG3 asks TSG RAN

?? **to note that TSG RAN WG3 has performed the task from RAN#22 and**

?? **to decide on the handling of the resulting sets of CRs.**

3. Date of Next TSG-RAN WG3 Meetings:

TSG RAN WG3 Meeting #42 10th - 14th May 2004 Montreal, Canada

TSG RAN WG3 Meeting #43 16th - 20th August 2004 Prague (tbc), Czech Republic