

TSG-RAN Meeting #13
Beijing, China, 18th – 21st September, 2001

RP-010610

Agenda Item: 9.3.1
Source: Rapporteur (Alcatel)
Title: IP Transport Work Item Status Report

Document for: Approval

WI – IP Transport in UTRAN, TR25.933 (R3 leading)

The WI consists of one single work task.

1. GENERAL

The work status is summarised in the following table. The numbering of the milestones refers to TR sections numbering.

Milestone	Status
Requirements definition (5)	Almost complete: wait for response from SA3 on security aspects.
External Standardisation (6.1, 7.1)	Not an issue anymore since no new protocol is foreseen to be standardised by external standardisation bodies.
User Plane (6.2, 7.13, 7.14)	Study area completed. Agreements completed.
QoS Differentiation (6.3, 7.2)	Study area completed. Agreements almost completed.
Transport network bandwidth utilisation (6.4, 7.3)	Study area completed. Agreements almost completed.
User plane transport signalling (6.5, 7.4)	Study area completed. Agreements required.
Layer 1 and Layer 2 independence (6.6, 7.5)	Study area almost completed. Agreements completed.
Radio Network Signalling Bearer (6.7, 7.6)	Study area almost completed. M3UA and SUA proposed. Agreements required.
Addressing (6.8, 7.7)	Study area completed for Node addressing and RNL flow identification. Principles agreed. Agreements section to be completed.
Transport Architecture and routing aspects (6.9, 7.8)	Completed.
Ipv6 versus Ipv4 (6.9, 7.15)	IPv6 mandatory, IPv4 optional is agreed for all interfaces..
Backward compatibility with R99/ Coexistence with ATM nodes (6.10, 7.9)	Study area almost complete. Three solutions proposed: SIP-based, RSVP-based, modified Q.2630-1-based. No agreements yet.
Synchronisation (6.11, 7.10)	Not started
Security (6.12, 7.11)	Study area started. RAN3 waits for SA3 response on security aspects – the remaining work depends on SA3 answer.
Iu-cs/Iu-ps harmonisation (6.13, 7.12)	Study area completed. Agreements made via agreements on Iu-cs and Iu-ps protocol stacks.

2. AGREED CR'S

none

3. CONCLUSION

Most of study areas are almost complete, but there is still a number of remaining agreements to make. TR 25.933 v1.4.0 is presented to TSG-RAN for information.

It is proposed to continue the work on this work item for inclusion in the release 5 specifications.