TSG-RAN meeting #11
Palm Springs, CA, USA, 13 – 16 March, 2001

RP-010047

Agenda item:

Source: Rapporteur

Title: Status Report to RAN#11 of Work Item "RAB Support Enhancements"

Document for: Information

This is the rapporteur's report on the progress made so far in RAN (WG2 and WG3) on the Work Item (WI) "Radio Access Bearer Support Enhancements". RAN WG2 leads this WI.

Following approval in RAN#7, a technical report TR 25.844 titled " Radio Access Bearer Support Enhancements" was started with an outline as agreed in RAN WG2#15 (R2-001872).

RAN WG2

Since the last RAN meeting (RAN#9) major progress as been made in the IETF ROHC WG on the ROHC protocol. The Internet Engineering Steering Group (IESG) has now approved ROHC as a proposed standards track, with the following RFC numbers:

-       RFC 3095: RObust Header Compression (ROHC): Framework and four profiles: RTP, UDP, ESP, and uncompressed.

-       RFC 3096: Requirements for robust IP/UDP/RTP header compression..

The work on the ROHC component of the WI was completed and the results and recommendations are included in the TR. There were no other contributions to the other parts of the work item and these items are recommended as not for Release 4. The TR for this work item was approved in RAN WG2 and raised to v2.0.0 for approval in RAN#11 to be included in Release 4.

The CRs that were agreed in RAN2#19 and related to this work item are shown in the table below:

Doc-1st-	Status-	Spec	CR	Rev	Phase	Subject	Cat	Versio	Versio
R2-010762	agreed	25.306	011	1	Rel-4	Addition of ROHC	F	3.0.0	4.0.0
R2-010763	agreed	25.323	017	2	Rel-4	Robust Header Compression	B	3.3.0	4.0.0
R2-010764	agreed	25.331	726	1	Rel-4	ROHC updates to RRC	B	3.5.0	4.0.0

RAN WG3

 The "Variable Iu frame formats and unequal error protection" topic is the RAN3 component of this work item (WI). This topic of the WI will not be complete in REL4 as discussed below.

The initial outline of this TR was only recently started and then later agreed in RAN3#19. Within the RAN3

Iu SWG, R99 issues have had higher priority over Rel4 WI's thus not allowing time to be given to the Rel4 WI's until very recently.

There are still issues that need to be addressed by TSG SA and guidance given prior to being able to complete TSG RAN WG3's topic of this WI. A non-exhaustive list of these issues include: the termination point for MMoIP applications within the Core Network (CN) as referenced from the UTRAN, where the Trancoder is located within the CN, and how to address Unequal Error Protection within the UTRAN for Real Time PS services.