Status Report for WI to TSG

Work Item Name: Radio access bearer support enhancement

SOURCE: Rapporteur   **TSG: RAN**   **WG: 2**

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Ref. to WI sheet: `ftp://ftp.3gpp.org/tsg_ran/TSG_RAN/Work_Item_sheets/`

Progress Report since the last TSG (for all involved WGs):

RAN WG2 #45bis:
It was agreed that one new ROHC parameter will be included in the RRC signalling for Rel-6. This parameter is added as an optional field and it indicates the target mode to which the UE decompressor shall transit. CRs for adding this parameter are prepared for RAN2#46.

It was agreed to initiate the discussion with T1 on testing the UE ROHC implementations. An LS was sent to T1, proposing that the requirements and test cases will be defined using ROHC expertise available in RAN2 in cooperation with testing expertise in T1.

There was a contribution on the option of having a single PDP context with two RBs and an RTP/RTCP distinction mechanism, which however wasn't agreed. It was commented that the option of having one PDP context with two RBs was ruled out already earlier (at RAN2#43, see status report in RAN#25 RP-040263).

RAN WG2 #46:
The CRs on ROHC target mode signalling were discussed. Revisions will be provided at the next RAN2 meeting.

The discussion on ROHC testing will be continued on the RAN2 ROHC email reflector.

CR to 25.306 (R2-050706) was agreed, incorporating the earlier decision that ROHC is mandatory for Rel-6 UEs supporting IMS.

RAN WG4 #34:
The usage of Secondary Scrambling Code for Voice over IMS RAB was studied. RAN4 concluded that this configuration is not currently covered by RAN4 performance requirements. If this configuration is believed to be crucial, then an appropriate set of performance requirements could be defined by RAN4.

List of Completed elements (for complex work items):

List of open issues:
- Conclusion in Ran1 on SIR estimation on both Primary and Secondary Scrambling Code, based on conclusion in Ran4 mentioned above.
- Agreement on optimised RAB combination in Ran2 to provide VoIMS services over DCH efficiently in order to avoid use of 42.8 kbps RAB as defined currently in 34.108.

Estimates of the level of completion (when possible):

85%

WI completion date review resulting from the discussion at the working group:
June 2005 (TSG RAN#28)

References to WG's internal documentation and/or TRs: