

## 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/](ftp://ftp.3gpp.org/tsg_ran/TSG_RAN/Work_Item_sheets/)**

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

**RAN WG2 #46bis:**

The work on ROHC testing was continued in [1].

There was a proposal of handling variable size ROHC packets using the existing RLC segmentation and concatenation functionality in [2]. It was agreed to include this mechanism in the TR25.862v1.4.0 [3].

Based on the input [4] it was agreed that to reduce RLC overhead one bit will be introduced in the UM RLC PDU header to indicate the beginning of the SDU.

**RAN WG2 #47:**

Based on [5] and [6] it was decided to arrange an email discussion until the end of June to conclude on the optimised RAB for VoIMS.

The discussion on the Secondary Scrambling Code solution was summarized in [7]. It was decided not to use SSC in the RAB for VoIMS.

The CRs on ROHC target mode signalling were agreed [8]-[11].

The discussion on ROHC testing will be continued on the RAN2 ROHC email reflector. The first CRs were agreed in [12] and [13].

There were two proposals [14] and [15] to include one bit in the UM RLC PDU header to indicate the beginning of the SDU. The proposal in [15] was agreed and the CRs were agreed by email in [16], [17] and [18].

The updated TR25.862v1.5.0 is in [19].

**List of Completed elements (for complex work items):**

**List of open issues:**

Agreement on optimised RAB combination for VoIMS over DCH. It is expected that this can be achieved by providing a CR to 25.993 after closing the work item.

**Estimates of the level of completion (when possible):**

100%

**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:**

[1] R2-050939 ROHC Testing Input Version2

- [2] R2-050940 ROHC Packet Handling
- [3] R2-051164 TR25.862v1.4.0
- [4] R2-050969 L2 Enhancements for VoIP
- [5] R2-051308 Issues on tuning TB sizes for VoIMS
- [6] R2-051450 Proposed RABs for VoIP support
- [7] R2-051488 Summary of Email discussion on [Point 16] LS to RAN WG4 on potential SIR estimation on SSC
- [8] R2-051699 Proposed CR 2552rev2 to 25.331 [Rel-5] on ROHC target mode
- [9] R2-051700 Proposed CR 2553rev2 to 25.331 [Rel-6] on ROHC target mode
- [10] R2-051701 Proposed CR 0061rev2 to 25.323 [Rel-5] on ROHC target mode
- [11] R2-051702 Proposed CR 0062rev2 to 25.323 [Rel-6] on ROHC target mode
- [12] R2-051549 Proposed CR 0063 to 25.323 [Rel-5] on Performance testing of ROHC
- [13] R2-051550 Proposed CR 0064 to 25.323 [Rel-6] on Performance testing of ROHC
- [14] R2-051441 RLC LI Optimization
- [15] R2-051311 Segmentation and Concatenation for VoIMS
- [16] R2-051680 CR 0280 to 25.322
- [17] R2-051681 CR 2608 to 25.331
- [18] R2-051682 CR 0119 to 25.306
- [19] R2-051704 TR25.862v1.5.0