

25 - 28 February 2002

Bristol, UK

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**TSG-RAN Working Group 2 (Radio L2 and Radio L3)  
Makuhari, Japan, 26 - 30 November 2001**

**R2-012775**

**Title:** LS on START value calculation  
**Source:** RAN2  
**To:** S3  
**Cc:**  
**Response to:**  
**Release:** R'99

**Contact Person:**

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**Attachments:**

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**1. Overall Description:**

RAN 2 asks S3 for guidance on how to calculate the START value for the initialisation of HFN components of COUNT-C and COUNT-I.

When ciphering is not applied for AM and UM user plane radio bearers the COUNT-C values for those UM and AM RBs are anyway maintained, i.e. initialised and incremented in order to be used in the counter check procedure.

However it is not clear whether those COUNT-C values shall be used for calculating the START value or not.

**2. Actions:**

**To [S3] group.**

**ACTION:** RAN2 asks [S3] group to give their guidance of whether COUNT-C values for non ciphered UM or AM user plane RBs shall be included in the START value calculation or not. Furthermore RAN2 would like to know whether the COUNT-C values for unciphered AM and UM radio bearers need to be reinitialised when ciphering is started for those SRBs.

**3. Date of Next RAN2 Meetings:**

RAN2_26	7 – 11 January 2002	Sophia Antipolis, France.
RAN2_27	18 – 22 February 2002	Orlando, FL, USA.