3GPP TSG-T (Terminals) Meeting #26
Athens, Greece
8 - 10 December 2004

TP-040218

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040740

Title:	**Reply to LS on definition of RAT**
Response to:	LS (S1-040940/T3-040426) from T3
Release:	**6**
Work Item:	**TEI-6**

Source:	**T3**
To:	**SA1**
Cc:	**SA, GERAN, RAN, T, CN1, CN**

Contact Person:
> **Name:** Colin Juett
> Ericsson L.M.
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Attachments: **none**

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1. Overall Description:

T3 would like to thank SA1 for their LS on the definition of RAT and for asking their opinion to T3.

T3 understands that the purpose of the LS was to provide a consistent definition of the term "RAT" across 3GPP.
SA1 proposed a Change Request to TS 21.905 that was documented in S1-040941.

S1-040941 following changes were asked of T3, namely:
> 3GPP RAT: UTRAN, GERAN
> Non-3GPP RAT: Radio Access Technologies except UTRAN and GERAN (e.g. IEEE 802.11b,,DECT).
> Radio Access Technology: Radio technology with which it is possible to access 3GPP core networks via a 3GPP defined interface.

However, certain delegates at T3 found the definitions unclear.
For instance, the introduced definition of "Non-3GPP RAT" contains the term "Radio Access Technology".
Therefore, if we expand the definition of "Non-3GPP RAT", then we are to understand that:
> "Radio technology with which it is possible to access 3GPP core networks via a 3GPP defined interface except UTRAN and GERAN (e.g. IEEE 802.11b,,DECT)".

T3 asks SA1 if this is the understanding that was intended.

To clarify this issue, T3 would like to propose the following set of definitions:
> 3GPP RAT: Radio Access Technologies defined by 3GPP, i.e. UTRAN and GERAN.
> Non-3GPP RAT: Radio Access Technologies not defined by 3GPP, but with an interworking possibility with 3GPP network (e.g. IEEE 802.11b, DECT) being defined in 3GPP.
> Radio Access Technology: Radio technology with which it is possible to access 3GPP core networks.

T3 also asks SA1 to consider the term "Radio Access Technology" (or "RAT") is not used across all specs. For instance, the term "Access Technology" is commonly used.

2. Actions:

To SA1
ACTION:
- T3 kindly ask SA1 to consider their concerns about the definition understanding, and to indicate to T3 if the above proposed new definition could better fit SA1 original view.
- T3 kindly ask SA1 to consider the issue of specifications using the term "Access Technology" instead of "Radio Access Technology".

3. Date of Next TSG-T3 Meetings:

T3#34	8 - 11 Feb 2005	Barcelona, Spain
T3#35	26 - 29 Apr 2005	Cancun, Mexico