TSG-RAN Working Group 1 meeting #6

Espoo, Finland, July 13-16, 1999

TSGR1#6(99)938

3GPP TSG-T WG2#4
Miami, US, June 14-16, 1999

TSGT2#4(99)597

Agenda Item:

Source: T2

Title: Liaison statement to TSG RAN WG1 on Service Capabilities

To: TSG RAN WG1

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TSG T WG2 would like to thank TSG RAN WG1 for its liaison statement containing details of the baseline implementation capabilities for the physical layer. TSG T WG2 looks forward to receiving further clarification of those baseline implementation capabilities, as the standard is further elaborated for the physical layer.

The following terminal service capabilities are among those agreed by S1 to be standardised as part of the 1999 release of the UMTS standard. None of the capabilities identified below are mandatory in the terminal and unless otherwise stated, the support of one service in a terminal does not imply a requirement to support any other service. The requirements for the capabilities listed below, are elaborated in TS 22.100 which itself makes references to definitions of the capabilities in other 22.1xx specifications, as indicated.

T2 requests TSG RAN WG 1 to identify the implementation capabilities (if any) within its technical domain, that are required in addition to the previously identified baseline implementation capabilities, to support the following service capabilities:

In 3G TS 22.105,
• Speech (AMR)
• Short Message Service - Point to Point (SMS-PP)
• ShoCell Broadcast Service (CBS)
• Circuit Switched data with information transfer rate and quality attributes (e.g. Bit Error Ratio, Maximum transfer delay, Delay variation, etc.) as defined in 22.105 (Note, may be redefined according to new definitions in 23.907)
• Packet Switched data with information transfer rate and quality attributes (e.g. Bit Error Ratio, Maximum transfer delay, Delay variation, etc.) as defined in 22.105 (Note, may be redefined according to new definitions in 23.907)
GSM system features
• Support of Localised Service Area (SoLSA)

In 3G TS 22.121,
• Location Services (LCS)

TSG T WG2 believes that from a work management point of view it would be best if TSG RAN WG1 deals with the default speech service, SMS-PP & CS data services up to 16 kbps and at 64 kbps with the greatest priority. TSG T WG2 also considers the support of Packet Switched services, to be a matter of priority, and requires details of related service implementation capabilities when information on the associated data rate and quality attributes, has been made available by TSG SA WG1. TSG T WG2 looks forward to receiving details of the required physical layer service implementation capabilities by its 5th meeting (September 6-10, 1999).