TSG-Radio Access Network meeting #13   *RP-010659*
Beijing, 18th – 21st September 2001

Title: ***Proposed*** LS to TSG CN on the documents to be considered for the
               Revision of Recommendation ITU-R M.1457

Source: TSG RAN

To: TSG CN

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TSG RAN intend to approve the material for the 'Best and Final Submission' of IMT-2000 CDMA DS and IMT-2000 CDMA TDD for the revision of Rec. ITU-R M.1457 at RAN#13 (Beijing, 18-21 September 2001), for subsequent submission to ITU-R WP 8F (Tokyo, 10-16 October 2001).

Per each IMT-2000 radio interface, Rec. ITU-R M.1457 contains an 'Overview' (section 5.x.1) and a list of 'Detail Specification' (section 5.x.2) with references to SDOs approved standards.

With reference to the list of 'Detail Specification' for IMT-2000 CDMA DS and IMT-2000 CDMA TDD, TSG RAN would like to inform TSG CN that the following documents are contained in the current version of Rec. ITU-R M.1457 and it is the intention of TSG RAN to include them in the 'Best and Final Submission'[*].

5.1.2.6.1/5.3.2.6.1   23.108 Mobile Radio Interface Layer 3 specification Core Network Protocols - Stage 2
This specification shall specify the procedures used at the radio interface for Call Control (CC), Mobility Management (MM) and Session Management (SM). It shall hold examples of the structured procedures.

5.1.2.6.3/5.3.2.6.3   24.007 Mobile Radio Interface Signalling Layer 3 - General Aspects
This Technical Specification (TS) defines the principal architecture of layer 3 and its sublayers on the GSM Um interface, i.e. the interface between Mobile Station (MS) and network; for the CM sublayer, the description is restricted to paradigmatic examples, call control, supplementary services, and short message services for non-GPRS services. It also defines the basic message format and error handling applied by the layer 3 protocols.

5.1.2.6.4/5.3.2.6.4   24.008 Mobile Radio Interface Layer 3 specification; Core Network Protocols - Stage 3
This specification shall specify the procedures used at the radio interface for Call Control (CC), Mobility Management (MM) and Session Management (SM).
The procedures currently described are for the call control of circuit-switched connections, session management for GPRS services, mobility management and radio resource management for circuit-switched and GPRS services.

5.1.2.6.5/5.3.2.6.5   24.011 Point-to-Point Short Message Service (SMS) support on mobile radio interface
This Specification specifies the procedures used across the mobile radio interface by the signalling layer 3 function Short Message Control (SMC) and Short Message Relay function (SM-RL) for both circuit switched GSM and GPRS.

5.1.2.6.8/5.3.2.6.8   24.022 Radio Link Protocol (RLP) for Circuit Switched Bearer and Teleservices
This Specification shall specify the Radio Link Protocol (RLP) for data transmission over the UMTS PLMN. RLP covers the Layer 2 functionality of the ISO OSI Reference Model (IS 7498). It is based on ideas contained in IS 3309, IS 4335 and IS 7809 (HDLC of ISO) as well as ITU-T Recommendations X.25, Q.921 and Q.922 (LAP-B and LAP-D, respectively.) RLP has been tailored to the special needs of digital radio transmission. RLP provides to its users the OSI Data Link Service (IS 8886).

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[*] Section numbers are referred to the proposed revision of Rev. ITU-R M.1457.

5.1.2.6.9/5.3.2.6.9   24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects
In this specification the general aspects of the specification of supplementary services at the layer 3 radio interface shall be given. Details will be specified in other documents.

5.1.2.6.10/5.3.2.6.10   24.080 Mobile radio interface Layer 3 - Supplementary Services specification - Formats and coding
This technical specification shall contain the coding of information necessary for support of supplementary service operation on the mobile radio interface layer 3. Details will be specified in other documents.

In addition, TSG RAN intend to remove the following document that was addressed only with reference to IMT-2000 CDMA TDD (section 5.3.2.5.3 of current version of M.1457) and that is now withdrawn:

23.022 Functions related to Mobile Stations (MS) in idle mode and group receive mode
This specification shall give an overview of the tasks undertaken by a Mobile Station (MS) when in idle mode, that is, switched on but not having a dedicated channel allocated, e.g. not making or receiving a call, or when in group receive mode, that is, receiving a group call or broadcast call but not having a dedicated connection. It also describes the corresponding network functions.

Finally, TSG RAN inform TSG CN that a CD ROM containing the September version of the Specifications addressed in the revised Section 5.x.2 ('Detail Specification') of Rec. ITU-R M.1457 will be submitted to the next meeting of ITU-R WP 8F (Tokyo, 10-16 October 2001) as Global Core Specifications (GCS).

TSG CN is kindly requested to comment as appropriate.