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The 17th meeting of ITU-R TG 8/1 was held in Beijing, China, from 31 May to 11 June 1999. The main outcome of the meeting is briefly summarized in the following.

WG5 (the Working Group in charge of the development of the Recommendation IMT.RSPC) made very good progress: also based on the contributions developed within 3GPP TSG RAN, WG5 decided that having the Radio Interface Sections as complete individual sections in IMT.RSPC is the most appropriate presentation of the radio interface specification to ensure completeness. It was further decided that significant use of references of externally developed specifications is the most appropriate solution for the Recommendation IMT.RSPC: the information contained in the radio interface section of RSPC will have three parts: "Reference From External Material" part, "Extract From External Material" part and "ITU Created Material" part. For the "Reference From External Material" portion, using material included by referencing, it has been decided that ITU-R TG8/1 should adopt the structure of the detailed specifications coming from external Standards Development Organisations (SDOs) and 3rd Generation Partnership Projects (3GPPs) and should not attempt to unilaterally edit this material. For the "Extract From External Material" portion, using extracted or incorporated material, it was concluded that specifying the format and structure of this portion is appropriate and does not present a burden on the responding organizations to supply their inputs in accord with the TG8/1 established criteria. Finally, a suitable process toward the approval of Recommendation IMT.RSPC at the next ITU-R TG 8/1 meeting (Helsinki, 25 October – 5 November 1999) and on relevant information required from Organization external to ITU (such as 3GPP) was developed; this is available in TSGR#4(99)371.

WG4 concentrated its activity on the revision of Recommendation ITU-R M.1079 on "Performance and Quality of Service (QoS) requirements for IMT-2000" (new title). Also a contribution developed within TSG RAN was submitted to TG 8/1 on this topic. The new version of this Recommendation can be found in TSGR#4(99)372. Some liaison statements were developed, including one on codecs to ITU-T SG 16.

WG2 (Spectrum and Regulatory issues, Terminology): the CPM text was finalized and the Preliminary Draft New Recommendation ITU-R M.[IMT.TERM] was further progressed. With reference to the revision of Recommendation ITU-R M.1224 on Terminology it was decided to look for additional input contributions for the next meeting.

Also an Ad Hoc group on future activities on IMT-2000 was established. Two new questions were formulated:

- on future development of IMT-2000 and systems beyond IMT-2000
- on future submission of satellite radio transmission technologies for IMT-2000

Also Question ITU-R 77/8 was revised on the subject of "Adaptation of mobile radiocommunication technologies to the needs of developing countries".

Finally, a Joint Expert Meeting with SG11 was held. The high level division of work on IMT-2000 radio interface signalling between ITU-T WP 3/11 and ITU-R TG 8/1 was revised to reflect the agreement reached during the meeting and it is provided in the Annex.

ITU-T SG 11 intends to assess the technical substance of radio technology independent portions of layers 2 and 3 specifications which would be referenced by ITU Recommendations. Therefore, SDOs

and Partnership Projects are asked to submit their contributions with technical substance (even if in a preliminary stage) to ITU-T SG 11 also before 1st September 1999¹. It was also noted that a number of different approaches to security are being followed in the SDOs and PPs. An higher degree of co-ordination would therefore be extremely useful².

ANNEX

High level division of work on IMT-2000 radio interface signalling between ITU-T WP 3/11 and ITU-R TG 8/1

It is agreed that:

- 1.** TG 8/1 publishes the Recommendations related to the physical interface and the technology-dependent Access Control Layer (Layer 2), whereas WP 3/11 publishes Recommendations related to the technology-independent Access Control Layer (Layer 2), the layer 3 and above layers;
- 2.1** TG 8/1 will develop the text for all the technology dependent parts of the system from the physical layer to the radio resource management sub-layer on the radio interface;
- 2.2** WP 3/11 will develop the text for all the technology independent parts of the systems from the L2 to the upper layers;
- 3.1** For the initial set of Recommendations, it may be more practical to allow either groups to publish all the Recommendations that are developed by the group, rather than providing some of them to the other group for inclusion.
- 3.2** for the subsequent sets of Recommendations, either group can provide specific text for inclusion in a Recommendation being prepared by the other group. This text should be in a form for direct inclusion into the latest version of the Recommendation;
- 3.3** dialogue will continue until both sides are satisfied. Any possible amendments to the proposed text should be addressed to the other party for agreement;
- 4.** Both TG 8/1 and WP3/11 will review the above revision and approve/disapprove by the end of 1999.

¹ Contributions should be sent to the following address: eskchien@pacbell.net

² Contact person in ITU: Mr Raj Pandya (raj.pandya@sympatico.ca)