RECOMMENDATION ITU-R BT.1507*

Interaction channel using digital enhanced cordless telecommunications (DECT) system**

(Question ITU-R 16/6)

(2000)

The ITU Radiocommunication Assembly,

considering

a) the need to avoid proliferation of protocols for interactive services;

b) that work on return channels is being carried out in ITU-R and ITU-T Sectors;

c) the approval by ITU-T of ITU-T Recommendation J.114 – Interaction channel using digital enhanced cordless telecommunications,

recommends

1 that for relevant applications in sound and television broadcasting the protocols included in ITU-T Recommendation J.114 (September 1999) should be used. A summary of ITU-T Recommendation J.114 is provided in Appendix 1 to this Recommendation. (The future of this Recommendation will take into account the evolution of ITU-T Recommendation J.114.)

APPENDIX 1

Summary of ITU-T Recommendation J.114 – Interaction channel using digital enhanced cordless telecommunications

This Recommendation is the baseline specification for provision of an interaction channel using the digital enhanced cordless telecommunications (DECT) system, as defined by the European Digital Video Broadcast project. This terrestrial interaction channel is applicable to satellite, cable, MATV, SMATV, terrestrial, microwave or any other future broadcasting or distribution system.

A DECT infrastructure can support the implementation of the interaction channel for broadcasting systems, by providing a wireless bidirectional path between the user terminal and an infrastructure connecting to the service provider.

DECT is a general radio access technology which constitutes the whole or part of the interaction network – it may be complemented with another network to reach the service provider (commonly PSTN/ISDN).

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* Radiocommunication Study Group 6 made editorial amendments to this Recommendation in 2002 in accordance with Resolution ITU-R 44.

** DECT is a European system standardized by the European Telecommunications Standards Institute (ETSI).