

RECOMMENDATION ITU-R BT.1435*

Digital sound and television broadcasting interaction channel through the PSTN/ISDN

(Question ITU-R 16/6)

(2000)

The ITU Radiocommunication Assembly,

considering

- a) that there is a 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;
- c) that ITU-T has approved ITU-T Recommendation J.113 – Digital video broadcasting interaction channel through the PSTN/ISDN,

recommends

1 that for relevant applications in sound and television broadcasting the protocols included in ITU-T Recommendation J.113 (03/98) should be used. A summary of ITU-T Recommendation J.113 is provided in Annex 1 to this Recommendation. (The future of Recommendation ITU-R BT.1435 will take into account the evolution of ITU-T Recommendation J.113.)

ANNEX 1

Summary of ITU-T Recommendation J.113 – Digital video broadcasting interaction channel through the PSTN/ISDN

This Recommendation describes the provision of return channel protocols over PSTN/ISDN to, and independently of, digital broadcast systems. Other relevant Recommendations are Recommendation ITU-R BT.1369 which describes the basic principles for a worldwide common family of systems for the provision of interactive television services and ITU-T Recommendation J.111 which describes the network independent return channel protocols.

This Recommendation describes the network independent protocols, i.e. those within the OSI reference model transport and physical layers for the PSTN/ISDN.

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