



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

J.89

(09/99)

SERIES J: TRANSMISSION OF TELEVISION, SOUND
PROGRAMME AND OTHER MULTIMEDIA SIGNALS

Digital transmission of television signals

**Transport mechanism for component-coded
digital television signals using MPEG-2 4:2:2
P@ML including all service elements
for contribution and primary distribution**

ITU-T Recommendation J.89

(Previously CCITT Recommendation)



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ITU-T RECOMMENDATION J.89

TRANSPORT MECHANISM FOR COMPONENT-CODED DIGITAL TELEVISION SIGNALS USING MPEG-2 4:2:2 P@ML INCLUDING ALL SERVICE ELEMENTS FOR CONTRIBUTION AND PRIMARY DISTRIBUTION

Summary

This Recommendation specifies the general transport mechanism for conveying all service elements needed for contribution and primary distribution applications of TV programs using MPEG-2 4:2:2 profile at Main level compression. The service elements provided to MPEG-2 coding systems are assumed to be (4:2:2) component video signals, studio quality audio signals and various data signals e.g. teletext and time code.

Source

ITU-T Recommendation J.89 was prepared by ITU-T Study Group 9 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 16 September 1999.

FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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