INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

R.56

(03/93)

TELEGRAPHY

TELEGRAPH TRANSMISSION

TELEGRAPH DISTORTION LIMITS TO BE QUOTED IN RECOMMENDATIONS FOR EQUIPMENT AND TRANSMISSION PLANS

ITU-T Recommendation R.56

(Previously "CCITT Recommendation")

FOREWORD

The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the International Telecommunication Union. 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, established the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

ITU-T Recommendation R.56 was prepared by the ITU-T Study Group IX (1988-1993) and was approved by the WTSC (Helsinki, March 1-12, 1993).

NOTES

1 As a consequence of a reform process within the International Telecommunication Union (ITU), the CCITT ceased to exist as of 28 February 1993. In its place, the ITU Telecommunication Standardization Sector (ITU-T) was created as of 1 March 1993. Similarly, in this reform process, the CCIR and the IFRB have been replaced by the Radiocommunication Sector.

In order not to delay publication of this Recommendation, no change has been made in the text to references containing the acronyms "CCITT, CCIR or IFRB" or their associated entities such as Plenary Assembly, Secretariat, etc. Future editions of this Recommendation will contain the proper terminology related to the new ITU structure.

2 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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Recommendation R.56

TELEGRAPH DISTORTION LIMITS TO BE QUOTED IN RECOMMENDATIONS FOR EQUIPMENT AND TRANSMISSION PLANS

(Helsinki, 1993)

The CCITT,

considering in particular

Recommendations R.5 and R.74,

unanimously declares the view

that the following principles should be adopted in setting distortion limits in Recommendations for equipment and transmission plans:

1 Isochronous as well as start-stop limits should be quoted wherever possible. The start-stop limits should be quoted for 5-unit and/or 8-unit codes (with one unit-interval stop-element) where appropriate and gross or synchronous measurement should be specified as appropriate.

2 In many cases the differences between each of these limits will be negligible. If so, this should be stated.