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INTERNATIONAL TELECOMMUNICATION UNION

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# O.81

## Appendix I

(06/98)

SERIES O: SPECIFICATIONS OF MEASURING  
EQUIPMENT

Equipment for the measurement of analogue parameters

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Group-delay measuring equipment for  
telephone-type circuits

**Appendix I: A measuring signal (multitone test  
signal) for fast measurement of amplitude and  
phase for telephone type circuits**

ITU-T Recommendation O.81 – Appendix I

(Previously CCITT Recommendation)

ITU-T O-SERIES RECOMMENDATIONS  
**SPECIFICATIONS OF MEASURING EQUIPMENT**

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| General                                                                  | O.1–O.9           |
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| Automatic and semi-automatic measuring systems                           | O.20–O.39         |
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*For further details, please refer to ITU-T List of Recommendations.*

# ITU-T RECOMMENDATION O.81

## GROUP-DELAY MEASURING EQUIPMENT FOR TELEPHONE-TYPE CIRCUITS

### APPENDIX I

#### **A measuring signal (multitone test signal) for fast measurement of amplitude and phase for telephone type circuits**

#### **Summary**

In the following Appendix I a brief description of a test signal is given, stating its particular advantages for measurement of amplitude and phase simultaneously.

It was formerly published as Supplement 3.7 in the Blue Book (1988), Fascicle IV.4, and then renumbered on 26 June 1998 as Appendix I to ITU-T O.81 without further modification.

#### **Source**

Appendix I to ITU-T Recommendation O.81, was prepared by ITU-T Study Group 4 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 26 June 1998.

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