



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**H.248.17**  
**Corrigendum 1**  
(03/2004)

SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS  
Infrastructure of audiovisual services – Communication  
procedures

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Gateway control protocol: Line test packages  
**Corrigendum 1**

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# **ITU-T Recommendation H.248.17**

## **Gateway control protocol: Line test packages**

### **Corrigendum 1**

#### **Summary**

ITU-T Rec. H.248.17 describes line test components and how they are used across an MGC/MG H.248.1 interface to complete line tests. The changes incorporated by this corrigendum correct editorial errors that caused difficulty for implementers.

#### **Source**

Corrigendum 1 to ITU-T Recommendation H.248.17 (2002) was approved on 15 March 2004 by ITU-T Study Group 16 (2001-2004) under the ITU-T Recommendation A.8 procedure.

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. 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 Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 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.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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**Gateway control protocol: Line test packages**

**Corrigendum 1**

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**7.1 ITU-T**

**7.1.1 Test line types according to ITU-T Rec. O.11**

ITU-T Rec. O.11 describes test responder behaviour. For a description of this behaviour, see clause 98.

**7.1.2 Automatic testing measuring equipment according to ITU-T Rec. O.22**

**7.1.2.1 Absolute power level measurements 3.1/O.22**

To provide the procedures of 3.1.1/O.22 over an MCG/MG interface, the MGC at the access point at the input to the path to be measured shall request the MG via the signals, "itult404/tt404hz\_10", "itult1020/tt1020hz\_10", "itult2804/tt2804hz\_10" to initiate tones of the indicated frequencies.

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**7.1.2.3 Signal-to-total-distortion ratio measurements 3.3/O.22**

To provide the procedures of 3.3.1/O.22 over an MCG/MG interface, the MGC at the access point at the input to the path to be measured shall request the MG via the signal "itult1020/tt1020hz", to initiate tones for Signal-total-distortion ratio measurement. ~~The MG may decide to use levels -10 dBm0, -25 dBm0 or 0 dBm0.~~

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**7.1.2.4.1 Absolute power level measurements 3.4.1/O.22**

To provide the procedures of 3.4.1/O.22 over an MCG/MG interface, the MGC at the access point at the input to the path to be measured shall request the MG via the signals, "itult1020/tt1020hz\_10", "itultdis/tt2100hz\_dis", "itultdisecd/tt2100hz\_disecd", "itult2804/tt2804hz\_10", "itultntt/noise" to initiate tones of the indicated frequencies.

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**7.1.2.6 Transmission tests to a digital loopback test line 3.5.2/O.22**

To provide the procedures of 3.5.2/O.22 over an MCG/MG interface, the MGC at the access point at the input to the path to be measured shall request the MG, via the signals "itult404/tt404hz\_10", "itult1020/tt1020hz\_10", "itultdis/tt2100hz\_dis", "itultdisecd/tt2100hz\_disecd" or "itult2804/tt2804hz\_10", to initiate tones of the indicated frequency. At the access point where the loopback is to be initiated, the procedures of 8.1.1.5 apply.

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**7.3 TTC line tests**

See 98.3 for testee procedures.

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