



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

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STANDARDIZATION SECTOR
OF ITU

N.23

MAINTENANCE OF INTERNATIONAL SOUND – PROGRAMME AND TELEVISION TRANSMISSION CIRCUITS

MAINTENANCE MEASUREMENTS TO BE MADE ON INTERNATIONAL SOUND – PROGRAMME CIRCUITS

ITU-T Recommendation N.23

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation N.23 was published in Fascicle IV.3 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

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 N.23

MAINTENANCE MEASUREMENTS TO BE MADE ON INTERNATIONAL SOUND-PROGRAMME CIRCUITS

1 General

In Tables 1/N.23 to 5/N.23 maintenance limits for international sound-programme circuits are specified. If these limits are exceeded, the control station¹⁾ for the circuit should decide the appropriate action to be taken to bring the circuit back within these limits.

2 Routine measurements

Routine measurements should be made every six months and the circuit realigned to meet the limits given in Recommendation N.21. The control station should agree with other stations, the date and time of routine measurements and the parameters to be included. It is recommended to use an automatic measuring equipment (see Recommendations O.31 [1], O.32 [2], O.33 [3]). The test procedures and frequencies to be used are detailed in Recommendation N.21. If no automatic measuring equipment is available, measurements shall normally be restricted to loss/frequency distortion and weighted noise. For the stereophonic pairs, the parameters Nos. 12, 13, 14 and 15 of Table 1/N.23 shall also be measured.

3 Release of circuit for routine measurements

Even if there is a general understanding with a renter of a permanently leased circuit on the time when routine tests are to be carried out, the SIPCO should always confirm with the renter that the circuit can be released for these tests.

¹⁾ For the functions and responsibilities of the circuit control stations see Recommendation N.5.