



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

N.3

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

**MAINTENANCE OF INTERNATIONAL
SOUND - PROGRAMME AND TELEVISION
TRANSMISSION CIRCUITS**

CONTROL CIRCUITS

ITU-T Recommendation N.3

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation N.3 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.

© ITU 1988, 1993

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the ITU.

CONTROL CIRCUITS

1 Definition of control circuit

A control circuit is a telephone-type circuit between the point of origin of the programme and the point where it terminates (recording equipment, studio, switching centre, transmitter, etc.) used by a broadcasting organization for the supervision and coordination of a sound or television transmission.

More than one control circuit may be used in association with the different programme connections involved in a single transmission, such as:

- a) the *television* connection;
- b) the *international sound* connection (for supervising the programme effects circuit provided for transmitting, for example, the background noises of a programme);
- c) the *commentary* connection (for supervising the sound-programme circuit transmitting a commentary in a given language);
- d) the *complete programme* connection (for supervising the sound-programme circuit transmitting the whole of the sound part of a programme).

2 Provision of control circuits for sound-programme and television transmission¹⁾

The conditions governing the provisions and lease of control circuits for sound-programme and television transmissions are given in Recommendation D.180 [1].

Reference

- [1] CCITT Recommendation *Occasional provision of circuits for International sound- and television-programme transmissions*, Vol. II, Rec. D.180.

¹⁾ The CCITT has noted the fact that broadcasting organizations use a tone having a frequency of 1900 Hz \pm 6 Hz and a level not exceeding -10 dBm0, for their signalling purposes on control circuits. Under the conditions of use specified in the CCITT Recommendations for control circuits, the CCITT has no objections to the use of this tone.