



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**G.411**

**INTERNATIONAL ANALOGUE CARRIER SYSTEMS  
GENERAL CHARACTERISTICS OF INTERNATIONAL  
CARRIER TELEPHONE SYSTEMS ON  
RADIO - RELAY OR SATELLITE LINKS AND  
INTERCONNECTION WITH METALLIC LINES**

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**USE OF RADIO - RELAY SYSTEMS FOR  
INTERNATIONAL TELEPHONE CIRCUITS**

**ITU-T Recommendation G.411**

(Extract from the *Blue Book*)

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## NOTES

1 ITU-T Recommendation G.411 was published in Fascicle III.2 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 G.411

### USE OF RADIO-RELAY SYSTEMS FOR INTERNATIONAL TELEPHONE CIRCUITS

The CCITT

*unanimously recommends*<sup>1)</sup>

that, between fixed points, telephone communications should be effected wherever possible by means of metallic conductors or radio-relay links using frequencies above 30 MHz to make the allocation of radio-frequencies less difficult and, where this can be realized, the objective should be to attain the transmission performance recommended by the CCITT for international telephone circuits on metallic conductors.

#### Reference

- [1] CCIR Recommendation *Use of radio links in international telephone circuits*, Vol. III, Rec. 335, Dubrovnik, 1986.

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<sup>1)</sup> This Recommendation is the same as an extract from CCIR Recommendation 335 [1].