



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**R.81**

**TELEGRAPHY**

**TELEGRAPH TRANSMISSION**

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**MAXIMUM ACCEPTABLE LIMIT  
FOR THE DURATION OF INTERRUPTION  
OF TELEGRAPH CHANNELS ARISING  
FROM FAILURE OF THE NORMAL POWER  
SUPPLIES**

**ITU-T Recommendation R.81**

(Extract from the *Blue Book*)

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## NOTES

1 ITU-T Recommendation R.81 was published in Fascicle VII.1 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.

## **Recommendation R.81**

### **MAXIMUM ACCEPTABLE LIMIT FOR THE DURATION OF INTERRUPTION OF TELEGRAPH CHANNELS ARISING FROM FAILURE OF THE NORMAL POWER SUPPLIES**

*(former CCIT Recommendation B.40, 1951)*

The CCITT,

*considering*

that in switched telegraph networks a 300-millisecond interruption of the telegraph current would be translated into a release of switches, and that the relays controlling the release are arranged to operate in slightly less than 300 ms,

*unanimously declares the view*

(1) that it is desirable that no interruption of the telegraph current should occur as a result of failure of a normal power supply.

(2) If, however, it is impracticable to avoid an interruption, then its duration should in no case exceed 150 ms.