



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**F.61**

**OPERATIONS AND QUALITY OF SERVICE  
TELEGRAPH SERVICES**

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**OPERATIONAL PROVISIONS  
RELATING TO THE CHARGEABLE  
DURATION OF A TELEX CALL**

**ITU-T Recommendation F.61**

(Extract from the *Blue Book*)

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## NOTES

1 ITU-T Recommendation F.61 was published in Fascicle II.4 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 F.61**

### **OPERATIONAL PROVISIONS RELATING TO THE CHARGEABLE DURATION OF A TELEX CALL<sup>1)</sup>**

#### **1 Fully automatic service**

1.1 With fully automatic international telex operation, call durations are registered automatically. Administrations may not have tickets available for working out the distribution of charges on the basis of the chargeable duration of calls.

1.2 In accordance with the relevant Recommendations for signalling in the telex service, the call-connected signal should start the equipment for determining the chargeable duration of the call in the case of automatic switching between subscribers.

1.3 Some networks delay the start of charging in order to avoid charging ineffective calls when preceded by a *call-connected* signal.

1.4 Consequently, the start of charging for calling subscribers may differ considerably from one network to another. It has been possible to note differences of 15 seconds between these starts for different networks.

1.5 In accordance with Recommendation D.61, the chargeable duration of a call in the fully automatic international telex service should be calculated from a conventional start fixed at between 5 and 7 seconds after the start of the call-connected signal. The end of the chargeable duration should be fixed not later than 1 second after the start of the clearing signal. The conventional start of charging is valid for all calls whether charged:

- a) minute by minute, any fraction of a minute being counted as one minute; or
- b) or by shorter periods, either derived by periodic pulse metering of the type used in national automatic services or derived from an automatic recording of all details, which would normally include the identification of the calling and called subscribers, the time at which the call began, the called duration and/or the time at which the call terminated.

1.6 The degree of accuracy of the call-duration measuring equipment should be  $\pm 2\%$  for a set of measurements covering an adequate number of calls which, in light traffic relations, may lead to acceptance of the fact that 2% accuracy should be obtained on the overall measurements for a year but not for each of the partial measurements made during that year (monthly measurements, for example, if the monthly interval is retained for the establishment of international accounts).

#### **2 Semi-automatic and manual service**

2.1 The chargeable duration of a telex call begins at the moment the connection is established between the calling and the called subscribers.

2.2 It ends at the moment when the clearing signal given by the calling or called subscriber is transmitted over the international circuit. To this end, the international telex position must be able to receive the clearing signal from both sides.

2.3 With manual or semi-automatic operation, the operator of the controlling international telex position shall determine the chargeable duration, unless other arrangements have been made by agreement between the Administrations concerned, taking into account, where necessary, any difficulties in transmission or any irregularities that he may observe.

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<sup>1)</sup> See also Recommendation D.61.

2.4 When a telex call is controlled by an operator at a telex position in a transit country, the chargeable duration of the call shall be notified to the international telex exchange of origin within 24 hours, giving the following details:

- the locality and number of the calling subscriber;
- the locality and number of the called subscriber;
- the time at which the call began;
- its chargeable duration in minutes.

Example: **STOCKHOLM 1846 TO ATHENS 21460 AT 1546Z 3 RPT 3 MNS**