



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**Q.118 *bis***

**GENERAL RECOMMENDATIONS ON TELEPHONE  
SWITCHING AND SIGNALLING**

**CLAUSES APPLICABLE TO ITU-T STANDARD  
SYSTEMS**

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**INDICATION OF CONGESTION CONDITIONS  
AT TRANSIT EXCHANGES**

**ITU-T Recommendation Q.118 *bis***

(Extract from the *Blue Book*)

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## NOTES

1 ITU-T Recommendation Q.118 *bis* was published in Fascicle VI.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.

#### **4.4 INDICATION OF CONGESTION CONDITIONS AT TRANSIT EXCHANGES**

In the case of congestion at a transit exchange, the following conditions apply:

4.4.1 The busy-flash signal or an equivalent signal shall be returned to indicate that there is equipment congestion in the exchange or that no free outgoing circuit is available. This signal shall be returned within the periods specified.

In semi-automatic and in automatic working, the receipt of this signal by the international exchange will cause the clear-forward signal to be sent so as to release the international connection and will give a suitable indication to the calling subscriber or operator, unless an automatic repeat attempt is made.