



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**Q.264**

**SPECIFICATIONS OF SIGNALLING SYSTEM No. 6  
SIGNALLING PROCEDURES**

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**POTENTIAL FOR AUTOMATIC REPEAT  
ATTEMPT AND RE - ROUTING**

**ITU-T Recommendation Q.264**

(Extract from the *Blue Book*)

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## NOTES

1 ITU-T Recommendation Q.264 was published in Fascicle VI.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.

## Recommendation Q.264

### 4.4 POTENTIAL FOR AUTOMATIC REPEAT ATTEMPT AND RE-ROUTING

#### 4.4.1 *Automatic repeat attempt*

The potential for automatic repeat attempt as defined in Recommendation Q.12 is provided in System No. 6. Backward signals are included to provide information on which to base a decision as to whether or not it would be advantageous to invoke an automatic repeat attempt.

An automatic repeat attempt will be made:

- upon failure of the continuity check (§ 4.1.4 above),
- on receipt of the confusion signal (while setting up a call) (§ 4.7.6.4 below),
- on detection of double seizing (at the non-control exchange) (§ 4.3.5 above),
- in some cases on receipt of a message-refusal signal (§ 4.6.2.3 below), and
- on receipt of a blocking signal after sending an initial address message and before any backward signals have been received (§ 4.6.1 below).

#### 4.4.2 *Automatic repeat attempt and re-routing*

The potential for automatic repeat attempt or re-routing on receipt of the circuit-group-congestion, the switching-equipment-congestion or the call-failure signals is provided.