



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

M.35

**MAINTENANCE : INTRODUCTION
AND GENERAL PRINCIPLES**

**PRINCIPLES CONCERNING LINE-UP
AND MAINTENANCE LIMITS**

ITU-T Recommendation M.35

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation M.35 was published in Fascicle IV.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.

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Recommendation M.35

PRINCIPLES CONCERNING LINE-UP AND MAINTENANCE LIMITS

The following principles have been adopted in respect of line-up and maintenance action limits for analogue and digital international circuits, links and lines:

- i) There should be separate limits for line-up and maintenance action.
- ii) There should be a single limit specified for maintenance action, and this limit should be chosen such that, if exceeded, a fault would be considered to exist. (However, the subject of prompt and deferred maintenance action requirements is under study and the result of this study may reflect on the number of limits required for maintenance action.)
- iii) After clearance of a fault, an international circuit, link or line should be returned to service within the line-up limit or, in the circumstances where this is not practical, as close as possible to the line-up limit. In all cases, the circuit, link or line should be returned to service within the maintenance action limit.

It is intended that, wherever practical, these principles be embodied in new M and N Recommendations, and be taken into account when the M and N Recommendations have cause to be reviewed or amended.