



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

G.168
Implementors'
Guide

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

(2 May 2008)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Apparatus associated with long-distance telephone circuits

**Implementors' Guide for G.168 (2007-01) "Digital
network echo cancellers"**

Summary

This document contains technical corrections and clarification for the implementation of ITU-T Recommendation G.168 (01/2007).

This new Implementors' Guide contains updates submitted up to Study Group 16 meeting 22 April – 2 May 2008.

This document was approved by ITU-T Study Group 16 on 02 May 2008 (TD 481/Plen).

Change Log

First Issue.

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Implementors' Guide for G.168 (Digital network echo cancellers)

1 Scope

This guide resolves defects in the following categories:

- editorial errors
- technical errors, such as omissions and inconsistencies
- ambiguities

In addition, the Implementors' Guide may include explanatory text found necessary as a result of interpretation difficulties apparent from the defect reports.

This Guide will not address proposed additions, deletions, or modifications to the Recommendations that are not strictly related to implementation difficulties in the above categories. Proposals for new features should be made through contributions to the ITU-T.

2 Introduction

This Implementors Guide is a compilation of reported defects for the G.168(01/2007).

The Guide must be read in conjunction with the G.168(01/2007) to serve as an additional source of information for implementors. The changes, clarifications and corrections defined herein are expected to be included in future version of the affected Recommendation.

3 Defect Resolution Procedure

Upon discovering technical defects with any components of the texts covered by this Implementors Guide, please provide a written description directly to the editor with a copy to the respective Rapporteur (see contacts above). The template for a defect report is located at the end of this Guide. Return contact information should also be supplied so a dialogue can be established to resolve the matter and an appropriate reply to the defect report can be conveyed. This defect resolution process is open to any interested party. Formal membership in the ITU is not required to participate in this process.

4 References

This document refers to the following ITU-T Recommendation:

- ITU-T Rec. G.168 (2007/01) “Digital network echo cancellers”

5 Nomenclature

In addition to traditional revision marks, the following marks and symbols are used to indicate to the reader how changes to the text of a Recommendation should be applied:

Symbol	Description
<u>[Begin Correction]</u>	Identifies the start of revision marked text based on extractions from the published Recommendations affected by the correction being described.
<u>[End Correction]</u>	Identifies the end of revision marked text based on extractions from the published

Symbol	Description
	Recommendations affected by the correction being described.
...	Indicates that the portion of the Recommendation between the text appearing before and after this symbol has remained unaffected by the correction being described and has been omitted for brevity.
<u>xx</u>	Indicates the addition of the new text xx.

6 Technical and Editorial Corrections to G.168

Section 6.4.2.11.3 Test No. 10C: Cancellor operation on the calling station side during page transmission and page breaks (for further study)

In the sixth paragraph of Section 6.4.2.11.3,

[Begin Correction]

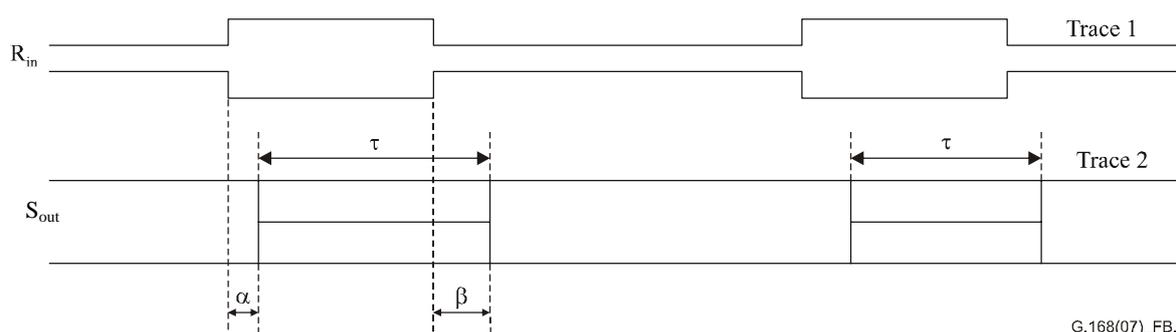
The NLP should be provisioned on during this test. ...

[End Correction]

Annex B

In Figure B.3 of Annex B, the label of R_{out} in Trace 2 should be S_{out} .

[Begin Correction]



- α Operate time
- β Hangover time
- τ Time interval in which the distorted signal may be observed

[End Correction]

Annex: Defect Report Form for G.168 (01/2007)

DATE:	
CONTACT INFORMATION NAME: COMPANY: ADDRESS: TEL: FAX: EMAIL:	
AFFECTED RECOMMENDATIONS:	
DESCRIPTION OF PROBLEM:	
SUGGESTIONS FOR RESOLUTION:	

NOTE - Attach additional pages if more space is required than is provided above.
