

IMPLEMENTOR'S GUIDE FOR RECOMMENDATION G.763

Summary

This document contains editorial corrections and clarifications to be incorporated within G.763 (02/98) when it is re-published.

Introduction

References

- [1] ITU-T Recommendation G.763 (02/98): Digital Circuit Multiplication Equipment Using ADPCM (Recommendation G.726) and Digital Speech Interpolation

Background

This guide is a compilation of editorial defects, their resolutions and minor upgrades to the 1998 edition of ITU-T Recommendation G.763 [1]. It includes all approved corrigenda and is intended to be an additional authoritative source of information for implementors to be read in conjunction with the Recommendation itself.

Scope of the guide

This guide records the resolutions of defects in the following categories:

- editorial errors;
- technical errors, such as omissions, inconsistencies, etc.; and
- ambiguities.

In addition, this guide records minor enhancements to the Recommendation in the following category:

- increased interoperability.

Document history

Version	Summary
04/00	Revised Implementor's Guide
07/99	New Implementors' Guide

Text Changes to G.763

In subclause 3.2.a), the paragraph:

“Speech traffic is ADPCM encoded and subject to DSI. The bit rate of individual bearer channels provided for speech is instantaneously either 32, 24, or 16 kbit/s dependent on traffic loading. If the 16 kbit/s overload feature is activated, the bit rate of the bearer channels provided for speech is 24 kbit/s or 16 kbit/s dependent on traffic loading.”

shall be changed to:

“Speech traffic is ADPCM encoded and subject to DSI. The bit rate of individual bearer channels provided for speech is instantaneously either 32, 24, or 16 kbit/s dependent on traffic loading (see also subclauses 5.9.4, 5.9.5 and 5.9.6).”

In subclause 3.2, Table 1/G.763, the Speech entry:

“32 kbit/s ADPCM with DSI
24 and 16 kbit/s ADPCM with DSI”

shall be changed to:

“32, 24, and 16 kbit/s with DSI; 32 and 24 kbit/s with DSI;
24 and 16 kbit/s with DSI”.

In subclause 5.9.2, first paragraph, the line:

“The 5th bit (LSB) is obtained from a different bearer which is independently assigned as a Bit Bank.”

shall be changed to:

“The 5th bit (LSB) is obtained from a different bearer channel which is independently assigned as a Bit Bank.”

In subclause 6.1.2, the paragraph:

“Provisions shall be provided to maintain channel connectivity between page changes in the forward direction of a facsimile transmission and to release the reverse channel connection between procedural signal transmissions so as to achieve a higher return link utilization for facsimile transmissions (this feature is also referred to as silence elimination).”

shall be changed to:

“Provisions shall be provided to maintain channel connectivity between page changes in the forward direction of a facsimile transmission, and to release the reverse channel connection between procedural signal transmissions so as to achieve a higher return link utilization for facsimile traffic (this feature is also referred to as silence elimination). Encoding on the backward direction of a facsimile transmission shall start as data type; the second hangover time shall be used. The signal may then be reclassified as per the output of the voice/data discriminator process.”

Text Addition to G.763

At the end of subclause 15.1 add:

Optionally, provisions conforming to ITU-T Recommendation G.766.3, ADPCM DCME Configuration Map Report, can be provided to maintain higher interoperability among the DCME.