

IMPLEMENTORS' GUIDE FOR RECOMMENDATION G.767

Summary

This document contains editorial corrections, text deletions and clarifications to be incorporated within G.767 (10/98) when it is re-published.

Introduction

References

- [1] ITU-T Recommendation G.767 (10/98): Digital Circuit Multiplication Equipment Using 16 kbit/s LD-CELP, Digital Speech Interpolation and Facsimile Demodulation/Remodulation

Background

This guide is a compilation of editorial defects, text changes, their resolutions and minor upgrades to the 1998 edition of ITU-T Recommendation G.767. 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
07/99	New Implementors' Guide

Text Changes to G.767

In Clause 1, the first line:

“This Recommendation specifies the elements of DCME using 16 kbit/s LD-CELP, Digital Speech Interpolation (DSI) and facsimile demodulation/remodulation (namely a 16 kbit/s DCME) in order to achieve interworking of such equipment.”

shall be changed to:

“This Recommendation specifies the elements of DCME using 16 kbit/s LD-CELP, Digital Speech Interpolation (DSI) and facsimile demodulation/remodulation in order to achieve interworking of such equipment.”

In subclause 3.1.1, third bullet:

“5 bit channels to support VBD calls at 40 kbit/s according to ITU-T Recommendation G.728 and its Annex J..”

shall be changed to:

“5 bit channels to support VBD calls at LD-CELP at 40 kbit/s according to ITU-T Recommendation G.728 and its Annex J.”

In subclause 3.1.4, the first sentence:

“The IT related circuit supervision /alarm condition field of the asynchronous word supports up to 360 ITs, carried over up to 12 primary rate interfaces.”

shall be changed to:

“The IT related circuit supervision/alarm condition field of the asynchronous word supports up to 360 ITs, from up to 12 primary rate interfaces.”

In subclause 4.1.1 , the sentence:

“Each pool starts and ends on TS boundaries (and therefore occupies an integral number of time slots).”

shall be changed to:

“Each pool starts and ends on TS boundaries (and therefore occupies an integral number of time slots); a clique shall not be split across bearers.”

Delete subclause 4.1.3.

In subclause 4.4, last sentence:

“When an additional assignment message in the same DCME frame is required (double AM) one additional QB supports it.”

shall be changed to:

“When an additional assignment message in the same DCME frame is required (double AM) one additional QB supports it and the additional error correction bits.”

In subclause 4.5.2, the sentences:

“The 5th bit (LSB) is obtained from a different 4-bit bearer channel which is independently assigned as a Bit Bank. Similarly to G.763, all 4-bit BCs (Data, FB, or BB) occupy either the four MSBs or the four LSBs of a G.704 Time Slot.”

shall be changed to:

“The 5th bit (LSB) is obtained from a different 4-bit bearer channel which is independently assigned as a Bit Bank; the procedure is as in G.763, subclause 6.1.7. Also, similar to G.763, all 4-bit BCs (Data, FB, or BB) occupy either the four MSBs or the four LSBs of a G.704 Time Slot.”

In subclause 4.5.3, the last sentence:

“The next higher BC carries 2 more bits.”

shall be changed to:

“The next higher BC carries the remaining 2 bits.”

In subclause 5.2.1, first sentence:

“The When the clique size is 11 time slots or lower, that clique’s Control Channel operates in the single AM mode.”

shall be changed to:

“When the clique size is 11 time slots or lower, that clique’s Control Channel operates in the single AM mode.”

In subclause 5.2.2, the sentence:

“The total number of Assignment Messages per Tx unit is 5.”

shall be changed to:

“The total number of Assignment Messages per transmit unit (see G.763, clause 6) is 5.”

In subclause 5.3.2.1, Table 1/G.767 add:

to the “IT number” column, an additional row after the last row: “all others”;

to the “IT Identification” column, an additional row to the last row: “reserved for future use”.

In subclause 5.3.2.3, first sentence:

“The 5 bits synchronous data word support the following messages:”

shall be changed to:

“The 5 bits synchronous data word supports the following messages:”

In subclause 6.3.4, the paragraph:

“If USM is used and the frame is a signalling frame than IT1 shall be used instead of BC’ and IT2 shall be used instead of IT.”

shall be changed to:

“If USM is used and the frame is a signalling frame, then IT1 shall be used instead of BC’ and IT2 shall be used instead of IT.”

Delete clause 7.

In subclause 9.4, the following text should be added as a footnote to the end of the paragraph:

“The generator polynomial for BCH(63:51) is: $x^{12}+x^{10}+x^8+x^5+x^4+x^3+1$ ”
