International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.763

Amendment 5

(09/2006)

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Amendment 5: Transport of Voice Enhancement Device related information

ITU-T Recommendation Q.763 (1999) – Amendment 5

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ITU-T Recommendation Q.763

Signalling System No. 7 – ISDN user part formats and codes

Amendment 5

Transport of Voice Enhancement Device related information

Summary

This amendment was produced to meet the need for the transport of Voice Enhancement Device/Function related information. This amendment contains the modifications to ITU-T Rec. Q.763 (1999) in order to accommodate these needs. This amendment should be read in conjunction with Amendment 4 to ITU-T Rec. Q.762, and Amendment 5 to ITU-T Rec. Q.764.

Source

Amendment 5 to ITU-T Recommendation Q.763 (1999) was approved on 13 September 2006 by ITU-T Study Group 11 (2005-2008) under the ITU-T Recommendation A.8 procedure.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure e.g. interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

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1) Clause 0.4 – Abbreviations

Insert the following new abbreviation alphabetically:

VED Voice Enhancement Device

2) Table 5

Modify Table 5 in order to introduce the following new VED information parameter (3.104) alphabetically:

Table 5/Q.763

Parameter name	Reference (subclause)	Code
VED information	3.104	1 0 1 0 1 0 0 0

3) New clause 3.104 – VED call information

Add new clause 3.104 as follows:

3.104 VED information

The format of the VED information parameter field is shown in Figure 97.

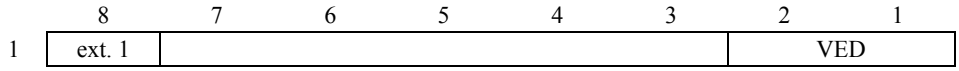

Figure 97/Q.763 – VED information parameter field

The following codes are used in the Voice Enhancement Device information parameter field:

00 no acoustic echo control included, no noise reduction included (default)

01 no acoustic echo control included, noise reduction included

10 acoustic echo control included, no noise reduction included

11 acoustic echo control included, noise reduction included

4) Tables 22, 27 and 32

Modify Tables 22, 27 and 32 to introduce the VED message parameter.

Table 22/Q.763

Message Type: Answer			
Parameter	**Reference (subclause)**	**Type**	**Length (octets)**
:	:	:	:
Voice Enhancement Device information	3.104	O	1
:	:	:	:

Table 27/Q.763

Message Type: Connect			
Parameter	**Reference (subclause)**	**Type**	**Length (octets)**
:	:	:	:
Voice Enhancement Device information	3.104	O	1
:	:	:	:

Table 32/Q.763

Message Type: Initial address			
Parameter	**Reference (subclause)**	**Type**	**Length (octets)**
:	:	:	:
Voice Enhancement Device information	3.104	O	1
:	:	:	:

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