

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.1902.4

Amendment 4

(09/2006)

SERIES Q: SWITCHING AND SIGNALLING

Specifications of signalling related to Bearer Independent
Call Control (BICC)

Bearer Independent Call Control protocol
(Capability Set 2): Basic call procedures

**Amendment 4: Transport of Voice Enhancement
Device related information**

ITU-T Recommendation Q.1902.4 (2001) –
Amendment 4

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ITU-T Recommendation Q.1902.4

Bearer Independent Call Control protocol (Capability Set 2): Basic call procedures

Amendment 4

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.1902.4 (2001) in order to accommodate these needs. This amendment should be read in conjunction with Amendment 4 to ITU-T Rec. Q.1902.2, and Amendment 4 to ITU-T Rec. Q.1902.3.

Source

Amendment 4 to ITU-T Recommendation Q.1902.4 (2001) was approved on 13 September 2006 by ITU-T Study Group 11 (2005-2008) under the ITU-T Recommendation A.8 procedure.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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.

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ITU-T Recommendation Q.1902.4

Bearer Independent Call Control protocol (Capability Set 2): Basic call procedures

Amendment 4

Transport of Voice Enhancement Device related information

1) Clause 4 – Abbreviations

Add the following new abbreviation alphabetically:

VED Voice Enhancement Device

2) New clause 8.24 – Transport of Voice Enhancement Device (VED) information

Add new clause 8.24 as follows:

8.24 Transport of Voice Enhancement Device (VED) information

8.24.1 Forward direction

The VED information parameter for the calling party is generated by the mobile network SN that controls the VED for the calling mobile subscriber.

The VED information parameter for the calling party is sent in the forward direction in the IAM.

All intermediate SN shall pass this parameter unchanged to inform the other SN that the VED for the calling mobile subscriber is inserted.

8.24.2 Backward direction

The VED information parameter for the called party is generated by the mobile network SN that controls the VED for the called mobile subscriber.

The VED information parameter for the called party is sent in the backward direction in the ANM or CON.

All intermediate SN shall pass this parameter unchanged to inform the other SN that the VED for the called mobile subscriber is inserted.

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