INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.767

Amendment 1

(12/2002)

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Amendment 1: Support for the International Emergency Preference Scheme

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ITU-T Recommendation Q.767

Application of the ISDN User Part of CCITT Signalling System No. 7 for international ISDN interconnections

Amendment 1

Support for the International Emergency Preference Scheme

Summary

This amendment was produced to meet the urgent need for the implementation of the International Emergency Preference Scheme (IEPS) as specified in ITU-T Rec. E.106. This amendment contains the modifications to ITU-T Rec. Q.767 (1991) in order to accommodate these needs.

Source

Amendment 1 to ITU-T Recommendation Q.767 (1991) was prepared by ITU-T Study Group 11 (2001-2004) and approved under the WTSA Resolution 1 procedure on 29 December 2002.

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.

NOTE

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

INTELLECTUAL PROPERTY RIGHTS

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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, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

ITU-T Recommendation Q.767

Application of the ISDN User Part of CCITT Signalling System No. 7 for international ISDN interconnections

Amendment 1

Support for the International Emergency Preference Scheme

1) Introduction

Add the following paragraph to the end of this clause:

The implementation of ITU-T Rec. Q.767 does not prevent the enhancement of the functions of the exchange to include a priority handling mechanism for the International Emergency Preference Scheme (IEPS) calls (see e.g. ITU-T Rec. Q.764).

2) Clause C.3.9 – Calling party's category

Amend the following:

00001110 ~~Spare~~IEPS Call Marking for Preferential call set-up

3) Clause D.2.1.1.2 – Actions required at an intermediate exchange

Add the following new paragraph:

d) *International Emergency Preference Scheme*

- If an outgoing international exchange receives information from the national network that the call is to be treated as an IEPS call (e.g. CPC value of IEPS), call establishment proceeds with priority. The call is established with the CPC set as IEPS call marking in the outgoing IAM. Restrictive network management controls (e.g. Automatic Call Gapping, ISUP Signalling Congestion Control, Automatic Congestion Control) are not applied to this call.
- If an intermediate international exchange receives a call with CPC set to IEPS, the call establishment proceeds with priority. The call is established with the CPC set as IEPS call marking in the outgoing IAM. Restrictive network management controls (e.g. Automatic Call Gapping, ISUP Signalling Congestion Control, Automatic Congestion Control) are not applied to this call.
- If an incoming international exchange receives a call with CPC set to IEPS, the call establishment proceeds with priority. The call is established with the CPC set as IEPS call marking or national specific information for IEPS call treatment in the outgoing IAM. Restrictive network management controls (e.g. Automatic Call Gapping, ISUP Signalling Congestion Control, Automatic Congestion Control) are not applied to this call.

4) Clause D.2.1.2.2 – Actions required at an intermediate exchange

Add the following new paragraph:

d) *International Emergency Preference Scheme*

- If an outgoing international exchange receives information from the national network that the call is to be treated as an IEPS call (e.g. CPC value of IEPS), call establishment proceeds with priority. The call is established with the CPC set as IEPS call marking in the outgoing IAM. Restrictive network management controls (e.g. Automatic Call Gapping, ISUP Signalling Congestion Control, Automatic Congestion Control) are not applied to this call.
- If an intermediate international exchange receives a call with CPC set to IEPS, the call establishment proceeds with priority. The call is established with the CPC set as IEPS call marking in the outgoing IAM. Restrictive network management controls (e.g. Automatic Call Gapping, ISUP Signalling Congestion Control, Automatic Congestion Control) are not applied to this call.
- If an incoming international exchange receives a call with CPC set to IEPS, the call establishment proceeds with priority. The call is established with the CPC set as IEPS call marking or national specific information for IEPS call treatment in the outgoing IAM. Restrictive network management controls (e.g. Automatic Call Gapping, ISUP Signalling Congestion Control, Automatic Congestion Control) are not applied to this call.

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