International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.763

Amendment 4

(01/2006)

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Specifications of Signalling System No. 7 – ISDN user part

Signalling System No. 7 – ISDN User Part formats and codes

Amendment 4: Support for the International Emergency Preference Scheme

ITU-T Recommendation Q.763 (1999) – Amendment 4

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ITU-T Recommendation Q.763

Signalling System No. 7 – ISDN User Part formats and codes

Amendment 4

Support for the International Emergency Preference Scheme

Summary

This amendment was produced to meet the need for the implementation of the International Emergency Preference Scheme (IEPS) for disaster recovery operations as specified in ITU-T Rec. E.106. This amendment contains the modifications to ITU-T Rec. Q.763 (1999) in order to accommodate these needs. It should be read in conjunction with Amendment 3 to ITU-T Rec. Q.761, Amendment 3 to ITU-T Rec. Q.762, and Amendment 4 to ITU-T Rec. Q.764. This amendment incorporates Amendment 2 to ITU-T Rec. Q.763 and provides enhancements.

Source

Amendment 4 to ITU-T Recommendation Q.763 (1999) was approved on 27 January 2006 by ITU-T Study Group 11 (2005-2008) under the WTSA Resolution 1 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.

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

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1) Clause 0.4 – Abbreviations

Insert the following new abbreviation alphabetically:

IEPS International Emergency Preference Scheme

2) Clause 3.11 – Calling party's category

Change the following in Figure 12, which had been a spare value:

0 0 0 0 1 1 1 0 ~~spare~~IEPS call marking for preferential call set up

3) Table 5

Modify Table 5 in order to introduce the following new IEPS call information parameter (3.103) alphabetically:

Table 5/Q.763

Parameter name	Reference (subclause)	Code
IEPS call information	3.103	1 0 1 0 0 1 1 0

4) New clause 3.103 – IEPS call information

Add new clause 3.103 as follows:

3.103 IEPS call information

The format of the IEPS call information parameter field is shown in Figure 96-a.

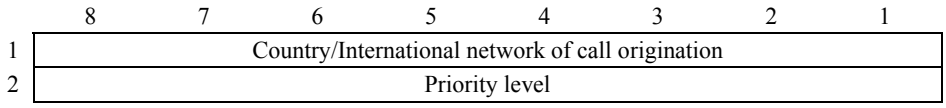

Figure 96-a/Q.763 – IEPS call information parameter field

The following codes are used in the subfields of the IEPS call information parameter field:

a) Country/International network of call origination

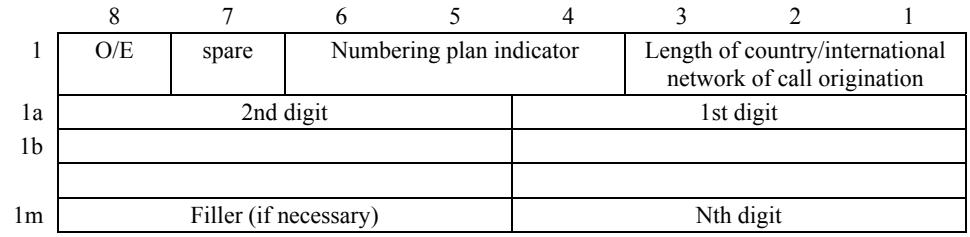

Figure 96-b/Q.763 – Country/International network of call origination subfield

1) *Odd/even indicator (O/E):* as in 3.9 a).

2) *Numbering plan indicator*

000 spare

001 numbering plan according to ITU-T Rec. X.121

010 numbering plan according to ITU-T Rec. E.164

3) *Length of country/international network of call origination*

Number of octets to follow that contain the digits identifying the country or international network of call origination.

4) *Digits*

Digit string of flexible length in BCD encoding identifying either the country or international network of call origination. To identify a specific country of call origination, the digit string will consist of the X.121 country code (3 digits). To identify an international network of call origination, the digit string will consist of an E.164 country code for international networks (3 digits) followed by an identification code (1 to 4 digits) to identify the international network.

5) *Filler*

In case of an odd number of digits, the filler code 0000 is inserted after the last digit.

b) Priority level

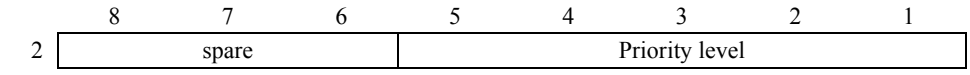

Figure 96-c/Q.763 – Priority level subfield

This subfield carries national priority level of an IEPS call according to bilateral agreements. The priority level is signalled in inverse order of the numerical value. i.e., the lower the numerical value is, the higher the priority. For example, numerical value 0 indicates the highest priority possible.

5) Table 32

Add new IEPS call information parameter prior to the "End of optional parameters":

Table 32/Q.763

Message Type: Initial address

Parameter	Reference (subclause)	Type	Length (octets)
IEPS call information	3.103	O	6-8

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Printed in Switzerland
Geneva, 2006