

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.763

Amendment 6
(10/2009)

SERIES Q: SWITCHING AND SIGNALLING

Specifications of Signalling System No. 7 – ISDN user part

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

**Amendment 6: Support for the customized
alerting tone (CAT) service**

Recommendation ITU-T Q.763 (1999) – Amendment 6

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Recommendation ITU-T Q.763

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

Amendment 6

Support for the customized alerting tone (CAT) service

Summary

Amendment 6 to Recommendation ITU-T Q.763 was produced to meet the need for the implementation of the customized alerting tone (CAT) service as specified in ETSI TS 123.205 (2009). This amendment contains the modifications to Recommendation ITU-T Q.763 (1999) in order to accommodate these needs. This amendment should be read in connection with the related amendments to Recommendations ITU-T Q.761 and ITU-T Q.762.

Source

Amendment 6 to Recommendation ITU-T Q.763 (1999) was approved on 29 October 2009 by ITU-T Study Group 11 (2009-2012) under Recommendation ITU-T A.8 procedures.

FOREWORD

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Recommendation ITU-T Q.763

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

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Support for the customized alerting tone (CAT) service

1) Clause 0.2 – References

Add the following reference:

[13] ETSI TS 123.205 (2009), *Bearer-independent circuit-switched core network; Stage 2*.

2) Clause 0.4 – Abbreviations

Add the following new abbreviation in alphabetical order:

CAT Customized Alerting Tone

3) Table 5

Modify Table 5 in order to introduce the following new Forward CAT indicators (3.105) and new Backward CAT indicators (3.106):

Table 5

Parameter name	Reference (subclause)	Code
Forward CAT indicators	3.105	1 0 0 0 1 1 1 0
Backward CAT indicators	3.106	1 0 0 0 1 1 1 1

4) Table 21

Modify Table 21 to include the Backward CAT indicators parameter in the ACM message.

Table 21

Message Type: Address complete			
Parameter	Reference (subclause)	Type	Length (octets)
Backward CAT indicators	3.106	O	1

5) **Table 23**

Modify Table 23 to include the Backward CAT indicators parameter in the CPG message.

Table 23

Message Type: Call Progress			
Parameter	Reference (subclause)	Type	Length (octets)
Backward CAT indicators	3.106	O	1

6) **Table 32**

Modify Table 32 to include the Forward CAT indicators parameter in the IAM message.

Table 32

Message Type: Initial address			
Parameter	Reference (subclause)	Type	Length (octets)
Forward CAT indicators	3.105	O	3

7) **Table 49**

Modify Table 49 to include the Forward CAT indicators parameter or Backward CAT indicators parameter in the SEG message.

Table 49

Message Type: Segmentation			
Parameter	Reference (subclause)	Type	Length (octets)
Forward CAT indicators	3.105	O	3
Backward CAT indicators	3.106	O	1

8) **New clause 3.105 – Forward customized alerting tone indicators**

Add new clause 3.105 defining the forward customized alerting tone indicators parameter as follows:

3.105 Forward customized alerting tone indicators

The format of the forward customized alerting tone indicators parameter field is shown in Figure 98.

8	7	6	5	4	3	2	1
spare	spare	spare	spare	spare	C	B	A

Figure 98 – Forward customized alerting tone parameter field

The following codes are used in the Forward CAT indicators parameter field:

Bit	A	<i>Multimedia CAT capability indicator</i>
	0	No indication
	1	CAT supported
Bits	C B	<i>CAT Priority indicator</i>
	0 0	no indication
	0 1	Priority given to Calling party (CAT-A)
	1 0	Priority given to Called party (CAT-B)
	1 1	Spare

See ETSI TS 123.205 [13] for a description of the related service and procedures.

9) New clause 3.106 – Backward customized alerting tone indicators

Add new clause 3.106 defining the backward customized alerting tone indicators parameter as follows:

3.106 Backward customized alerting tone indicators

The format of the backward customized alerting tone indicators parameter field is shown in Figure 99.

8	7	6	5	4	3	2	1
spare	spare	spare	spare	spare	spare	spare	A

Figure 99 – Backward customized alerting tone parameter field

The following codes are used in the Backward CAT indicators parameter field:

Bit	A	<i>CAT content indicator</i>
	0	No indication
	1	Inband media content available

See ETSI TS 123.205 [13] for a description of the related service and procedures.

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