

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**H.242**

**Amendment 1**  
(09/2005)

SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS  
Infrastructure of audiovisual services – Communication  
procedures

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System for establishing communication between  
audiovisual terminals using digital channels up to  
2 Mbit/s

**Amendment 1: Support for 14 kHz audio  
bandwidth extension of G.722.1 Annex C  
in H.242**

ITU-T Recommendation H.242 (2004) – Amendment 1



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## **ITU-T Recommendation H.242**

### **System for establishing communication between audiovisual terminals using digital channels up to 2 Mbit/s**

#### **Amendment 1**

### **Support for 14 kHz audio bandwidth extension of G.722.1 Annex C in H.242**

#### **Summary**

This amendment adds the BAS code signalling and H.221 multiplex allocation to support Annex C/G.722.1 (14 kHz audio bandwidth extension of the G.722.1) in H.320 systems.

#### **Source**

Amendment 1 to ITU-T Recommendation H.242 (2004) was approved on 13 September 2005 by ITU-T Study Group 16 (2005-2008) under the ITU-T Recommendation A.8 procedure.

## FOREWORD

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# ITU-T Recommendation H.242

## System for establishing communication between audiovisual terminals using digital channels up to 2 Mbit/s

### Amendment 1

#### Support for 14 kHz audio bandwidth extension of G.722.1 Annex C in H.242

- 1) **Changes to Table 52 – BAS capabilities that can be included in a valid capability set (Note 1)**

*Update Table 52 as follows:*

**Table 52/H.242 – BAS capabilities that can be included in a valid capability set (Note 1)**

Audio	Absent or One or more values (Note 2) from A-law, $\mu$ -law, G.722-48, G.722-64, G.722.1-24, G.722.1-32, <u>G.722.1 Annex C-48</u> , <u>G.722.1 Annex C-32</u> , <u>G.722.1 Annex C-24</u> , G.723.1, G.728, G.729
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- 2) **Changes to Appendix VI**

*Update Appendix VI as follows:*

### Appendix VI

#### Hierarchical capability BAS codes

The following capability codes are hierarchically structured:

G.711 (A or  $\mu$  or both) < G.722-64 < G.722-48

G.711 (A or  $\mu$  or both) < G.722.1-24

G.711 (A or  $\mu$  or both) < G.722.1-32

G.711 (A or  $\mu$  or both) < G.722.1 Annex C-48

G.711 (A or  $\mu$  or both) < G.722.1 Annex C-32

G.711 (A or  $\mu$  or both) < G.722.1 Annex C-24

G.711 (A or  $\mu$  or both) < G.723.1

G.711 (A or  $\mu$  or both) < G.728

G.711 (A or  $\mu$  or both) < G.729

1B < 2B < 3B < 4B < 5B < 6B

1H<sub>0</sub> < 2H<sub>0</sub> < 3H<sub>0</sub> < 4H<sub>0</sub> < 5H<sub>0</sub>

H.261-QCIF < H.261-CIF

4/29.97 < 3/29.97 < 2/29.97 < 1/29.97





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