# Channel Name Control Codes

For one-byte character tables, the codes in the range 0x80 to 0x9F are assigned to control functions as shown in Table A.1: Single byte control codes

Control code - Control code Description

0x80 to 0x85 reserved for future use

0x86 character emphasis on

0x87 character emphasis off

0x88 to 0x89 reserved for future use

0x8A CR/LF

0x8B to 0x9F user defined

A.2 Selection of character table

First byte value - Character code table - Table description - Reproduced in figure

0x01 ISO/IEC 8859-5 [27] Latin/Cyrillic alphabet A.2

0x02 ISO/IEC 8859-6 [28] Latin/Arabic alphabet A.3

0x03 ISO/IEC 8859-7 [29] Latin/Greek alphabet A.4

0x04 ISO/IEC 8859-8 [30] Latin/Hebrew alphabet A.5

0x05 ISO/IEC 8859-9 [31] Latin alphabet No. 5 A.6

0x06 ISO/IEC 8859-10 [32] Latin alphabet No. 6 A.7

0x07 ISO/IEC 8859-11 [33] Latin/Thai (draft only) A.8

0x08 reserved for future use (see note)

0x09 ISO/IEC 8859-13 [34] Latin alphabet No. 7 A.9

0x0A ISO/IEC 8859-14 [35] Latin alphabet No. 8 (Celtic) A.10

0x0B ISO/IEC 8859-15 [36] Latin alphabet No. 9 A.11

0x0C to 0x0F reserved for future use

0x10 ISO/IEC 8859 See table A.4

0x11 ISO/IEC 10646 [16] Basic Multilingual Plane (BMP)

0x12 KSX1001-2004 [44] Korean Character Set

0x13 GB-2312-1980 Simplified Chinese Character

0x14 Big5 subset of ISO/IEC 10646 [16] Traditional Chinese

0x15 UTF-8 encoding of ISO/IEC 10646 [16] Basic Multilingual Plane (BMP)

0x16 to 0x1E reserved for future use

0x1F Described by encoding\_type\_id Described by 8 bit

Table A.4: Character Coding Tables for first byte 0x10

First byte value - Second byte value - Third Byte Value - Selected character code - table - Table Description

0x10 0x00 0x00 reserved for future use

0x10 0x00 0x01 ISO/IEC 8859-1 [23] West European

0x10 0x00 0x02 ISO/IEC 8859-2 [24] East European

0x10 0x00 0x03 ISO/IEC 8859-3 [25] South European

0x10 0x00 0x04 ISO/IEC 8859-4 [26] North and North-East European

0x10 0x00 0x05 ISO/IEC 8859-5 [27] Latin/Cyrillic A.2

0x10 0x00 0x06 ISO/IEC 8859-6 [28] Latin/Arabic A.3

0x10 0x00 0x07 ISO/IEC 8859-7 [29] Latin/Greek A.4

0x10 0x00 0x08 ISO/IEC 8859-8 [30] Latin/Hebrew A.5

0x10 0x00 0x09 ISO/IEC 8859-9 [31] West European & Turkish A.6

0x10 0x00 0x0A ISO/IEC 8859-10 [32] North European A.7

0x10 0x00 0x0B ISO/IEC 8859-11 [33] Thai A.8

0x10 0x00 0x0C Reserved for future use

0x10 0x00 0x0D ISO/IEC 8859-13 [34] Baltic A.9

0x10 0x00 0x0E ISO/IEC 8859-14 [35] Celtic A.10

0x10 0x00 0x0F ISO/IEC 8859-15 [36] West European A.11

<== Steht in ETSI EN 300 468

PS: bei DVB wird das Polynom This is the CRC calculated with the polynomial:

x32 + x26 + x23 + x22 + x16 + x12 + x11 + x10 + x8 + x7 + x5 + x4 + x2 + x + 1

verwendet - vielleicht wurde zur checksumme das gleiche verwendet?

Channel Byte x12: Service type coding  
service\_type Description  
0x00 reserved for future use  
0x01 digital television service (see note 1)  
0x02 digital radio sound service (see note 2)  
0x03 Teletext service  
0x04 NVOD reference service (see note 1)  
0x05 NVOD time-shifted service (see note 1)  
0x06 mosaic service  
0x07 FM radio service  
0x08 DVB SRM service [49]  
0x09 reserved for future use  
0x0A advanced codec digital radio sound service  
0x0B advanced codec mosaic service  
0x0C data broadcast service  
0x0D reserved for Common Interface Usage (EN 50221 [37])  
0x0E RCS Map (see EN 301 790 [7])  
0x0F RCS FLS (see EN 301 790 [7])  
0x10 DVB MHP service  
0x11 MPEG-2 HD digital television service  
0x12 to 0x15 reserved for future use  
0x16 advanced codec SD digital television service  
0x17 advanced codec SD NVOD time-shifted service  
0x18 advanced codec SD NVOD reference service  
0x19 advanced codec HD digital television service  
0x1A advanced codec HD NVOD time-shifted service  
0x1B advanced codec HD NVOD reference service  
0x1C advanced codec frame compatible plano-stereoscopic HD digital television service (see note 3)  
0x1D advanced codec frame compatible plano-stereoscopic HD NVOD time-shifted service (see note 3)  
0x1E advanced codec frame compatible plano-stereoscopic HD NVOD reference service (see note 3)  
0x1F to 0x7F reserved for future use  
0x80 to 0xFE user defined  
0xFF reserved for future use  
NOTE 1: MPEG-2 SD material should use this type.  
NOTE 2: MPEG-1 Layer 2 audio material should use this type.  
NOTE 3: For discussion of the use of these values, see clause I.2.3 and  
DVB BlueBook A154 [54] (3D Guidelines of Frame Compatible 3D-TV).  
  
z.B. alle 0x0C (data broadcast) können ohne Bendenken aus der Liste geworfen werden ...