

1. SCOPE

This document recommends the method of applying the DVB Content descriptor for digital terrestrial television broadcasting in Australia¹. It complies with Clause 6.2.9 Table 28 of the Australian digital transmission standard, AS 4599.1 [1] and references ETSI standard EN 300 468 [2].

2. APPLICATION

The Content descriptor is located in the Event Information Table.

The intention of the Content descriptor is to provide classification information for a program event.

Broadcasters may elect to use a limited genre description by transmitting values for *Content_nibble_1* only. Broadcasters may also elect to use a wider genre description by transmitting both content nibbles. If broadcasters elect to use only *Content_nibble_1*, the value of *Content_nibble_2* shall be set to 0x0.

It is intended that receivers shall decode the values for *Content_nibble_1* in accordance with the following;

The values of *Content_nibble_level_1* in Table 1, indicate the meanings of the content table for decoders that process the first nibble only.

In the case where the decoder does not recognise the values of *Content_nibble_2*, the decoder shall assume the value of 0x0 indicating the *Content_nibble_1* default values only.

Receivers may optionally decode the values for both *Content_nibble_1* and *Content_nibble_2*, in accordance with the following;

The values of Content nibble 1 and 2 values columns in Table 1 indicate the meaning of the content tables for decoders that process both first and second nibbles.

The Description column contains a description of the meanings of the content descriptor value.

Valid operational values for Australian implementation are denoted in bold characters.

¹ Other DVB implementations of the Content descriptor, such as UK DTG, differ to that adopted in Australia.

Table 1: Content_nibble level 1 and 2 assignments

Content_nibble_level_1 default values	Content_nibble 1 and 2 values		Description
	Content_nibble_level_1 values	Content_nibble_level_2 values ²	
0x0	0x0	0x0 – 0xF	undefined content
0x1			Movie:
	0x1	0x0	movie (general)
	0x1	0x1 – 0xE	reserved for future use
	0x1	0xF	user defined
0x2			News:
	0x2	0x0	news (general)
	0x2	0x1 – 0xE	reserved for future use
	0x2	0xF	used defined
0x3			Entertainment:
	0x3	0x0	entertainment (general)
	0x3	0x1 – 0xE	reserved for future use
	0x3	0xF	user defined
0x4			Sport:
	0x4	0x0	sport (general)
	0x4	0x1 – 0xE	reserved for future use
	0x4	0xF	user defined
0x5			Children's
	0x5	0x0	children's programmes (general)
	0x5	0x1 – 0xE	reserved for future use
	0x5	0xF	user defined
0x6			Music:
	0x6	0x0	music (general)
	0x6	0x1 0 0xE	reserved for future use
	0x6	0xF	user defined
0x7			Arts/Culture:
	0x7	0x0	arts/culture (general)
	0x7	0x1 – 0xE	reserved for future use
	0x7	0xF	user defined
0x8			Current Affairs:
	0x8	0x0	current affairs (general)
	0x8	0x1 – 0xE	reserved for future use
	0x8	0xF	user defined
0x9			Education/Information:
	0x9	0x0	education/information (general)
	0x9	0x1 – 0xE	reserved for future use
	0x9	0xF	user defined

² Genre assignment of content_nibble_level_2 values are under development by Australian broadcasters.

Table 1: Content_nibble level 1 and 2 assignments (concluded)

Content_nibble_level_1 default values	Content_nibble 1 and 2 values		Description
	Content_nibble_level_1 values	Content_nibble_level_2 values ³	
0xA			Infotainment:
	0xA	0x0	infotainment (general)
	0xA	0x1 – 0xE	reserved for future use
	0xA	0xF	user defined
0xB			Special:
	0xB	0x0	special (general)
	0xB	0x1 – 0xE	reserved for future use
	0xB	0xF	user defined
0xC			Comedy:
	0xC	0x0	comedy (general)
	0xC	0x1 – 0xE	reserved for future use
	0xC	0xF	user defined
0xD			Drama:
	0xD	0x0	drama (general)
	0xD	0x1 – 0xE	reserved for future use
	0xD	0xF	user defined
0xE			Documentary:
	0xE	0x0	documentary (general)
	0xE	0x1 – 0xE	reserved for future use
	0xE	0xF	user defined
0xF	0xF	0x0	user defined

3.0 REFERENCES

[1]	Australian Standard, Digital television – Terrestrial broadcasting Part 1: Characteristics of digital terrestrial television transmissions	AS4599.1-2007
[2]	Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems	ETSI EN 300 468 V1.6.1 (2004-11)

³ Genre assignment of content_nibble_level_2 are under development by Australian broadcasters.