FREE TV AUSTRALIA OPERATIONAL PRACTICE OP-39
DVB CONTENT DESCRIPTOR

1. SCOPE

This document recommends the method of applying the DVB Content descriptor for digital terrestrial television broadcasting in Australia[1]. 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.

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[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

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[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)

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