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Australian Digital Terrestrial Television Broadcasting Service Information Register

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Background

Technical parameters of Australian Digital Terrestrial Television Broadcasts (DTTB) are in accordance with AS 4599.1—2007 *Australian Standard® Digital television—Terrestrial broadcasting Part 1: Characteristics of digital*.

AS 4599.1-2007 references two operational practices published by Free TV Australia for the allocation of service information values, which are critical to the identification and discovery of services in DVB transport streams.

The two operational practices are :

1. Free TV Australia Operational Practice OP-40 *Allocation of DVB Service Information Codes for Australia* Issue 2 Dated March 2010

This operational practice specifies the method and values for assignment of DVB network, transport and service identifiers carried in the program specific information / service information (PSI/SI) of free-to-air digital terrestrial and satellite television broadcasts in Australia, including :

- original_network_id (ONID); where there is one ONID per transport stream and the actual value used may correspond to the network_id
- network_id (NID); where there is one NID per transport stream
- transport_stream_id (TSID); where there is one TSID per transport stream
- service_id (SID); where there may be multiple SIDs per transport stream and each SID will have a corresponding logical channel number (LCN).

2. Free TV Australia Operational Practice OP 41 *Logical Channel Descriptor and Allocation of Logical Channel Numbers* Issue 6 Dated March 2010

This operational practice specifies the operational parameters for use of the logical_channel_descriptor for Australian Free-to-air Digital Terrestrial Television transmissions and assigns the allocation of Logical Channel Numbers (LCNs) to be used to identify television and radio services carried on free-to-air DVB transmissions.



Transport Stream Service Information for Television Market Area All values are decimal

			Victoria																South Australia																																																					
Broadcaster	Service Name	LCN (dec)	Melbourne				Gippsland				Bendigo / Swan Hill				Goulburn Valley (Shepparton)				Upper Murray (Albury)				Western Victoria (Ballarat)				Mildura				Adelaide				Mt. Gambier				Riverland				Spencer Gulf				Eyre Peninsula (Port Augusta)																									
			ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID																										
ABC	ABC1	2	4112	12827	0561					4112	12883	0563					4112	12883	0563					4112	12883	0563					4112	12883	0563					4112	12847	0593					4112	12885	0595					4112	12885	0595					4112	12885	0595					4112	12885	0595				
	ABC News 24	24			0561				0689			0563			0689			0563			0689			0563			0689			0563			0689			0593			0721			0595			0721			0595			0721																					
	ABC2	22			0562				0690			0563			0690			0563			0690			0563			0690			0593			0722			0594			0722			0595			0722																											
	ABC3	23			0564				0692			0563			0692			0563			0692			0563			0692			0594			0724			0596			0724			0598			0724																											
	ABC Dig Music	200			0566				0694			0563			0694			0563			0694			0563			0694			0598			0726			0598			0726			0598			0726																											
	ABC Jazz	201			0567				0695			0563			0695			0563			0695			0563			0695			0599			0727			0599			0727			0599			0727																											
SBS	SBS ONE	3	12802	12802	0784				0881	12802	12802	0880			0881	12802	12802	0880			0881	12802	12802	0880			0881	12802	12802	0832			0913	12802	12802	0912			0913	12802	12802	0912			0913																											
	SBS HD	30			0785				0881			0880			0881			0880			0881			0880			0881			0833			0913			0837			0913			0837			0913																											
	SBS TWO	32			0786				0882			0880			0882			0880			0882			0880			0882			0834			0914			0834			0914			0834			0914																											
	SBS 3	33			0787				0883			0880			0883			0880			0883			0880			0883			0835			0915			0835			0915			0835			0915																											
	SBS 4	34			0788				0884			0880			0884			0880			0884			0880			0884			0836			0916			0836			0916			0836			0916																											
	SBS Radio 1	38			0798				0894			0895			0894			0895			0894			0895			0894			0846			0926			0846			0926			0846			0926																											
	SBS Radio 2	39			0799				0895			0895			0895			0895			0895			0895			0895			0847			0927			0847			0927			0847			0927																											
Southern Cross	SC10 + Market name	5				12812	12954	2049		12812	12956	2051			2051	12812	12957	2052			2051	12812	12958	2053			2051	12812	12955	2050			2050																																							
	One HD + Market name	50						2049				2051			2052			2052			2052			2053			2051						2050																																							
	ELEVEN	55						2113				2115			2116			2117			2116			2117			2114																																													
Prime Television	Prime	6				12931	12931	2461		12931	12931	2461			2386	12931	12931	2465			2386	12931	12931	2465			2381	12931	12931	2461			2385																																							
	Prime HD	60						2440				2420			2400			2410			2400			2410			2430																																													
	Prime View 1	61						2441				2421			2401			2411			2401			2411			2431																																													
	7TWO on Prime	62						2442				2422			2402			2412			2402			2412			2442																																													
	Prime View 3	63						2443				2423			2403			2413			2403			2413			2443																																													
Seven Network	7 Digital	7	4115	12830	1283																							4115	12850	1285																																										
	7HD	70						1328																									1360																																							
	7 Digital 1	71						1332																									1364																																							
	7TWO	72						1329																									1361																																							
	7 Digital 3	73						1330																									1362																																							
								1331																									1363																																							
MDV	TEN Mildura	5																										12947	12947	12960																																										
	ONE HD Mildura	50																															0032																																							
	ELEVEN	55																															0033																																							
																																	0034																																							
WIN	WIN Seven	6																																12918	12918	12924			1	12918	12918	12923			1																											
	WIN Nine	8																																					2						5																											
	WIN Ten	5																																					3						4																											
	WIN + Market Name	8				12916	12916	12925		12916	12916	12923			0001	12915	12915	12924			0001	12915	12915	12926			0001	12916	12916	12922			0001						0001						0001																											
	WIN HD	80						0010				0010			0010			0010			0010			0010			0010						0010						0010						0010																											
	GO! + Market Name	88						0002				0002			0002			0002			0002			0002			0002						0002						0002						0002																											
	Nine Digital	9																										12849	12849	1104									1105																																	
	Nine HD	90																																					1112																																	
	GO!	99																																					1106																																	
Southern Cross	GTS BKN + Market Name	6																																						12812	12956	2565			2565	12812	12954	2561			2561																					
	SC Nine	8																																											2609						2577																					
	SC10 + Market name	5																																											2566						2562																					
	ELEVEN	55																																											2610						2578																					
Nine Network	Nine Digital	9	4114	12829	1072																																																																			



Transport Stream Service Information for Television Market Area

All values are decimal

Queensland

Broadcaster	Service Name	LCN (dec)	Brisbane				Gold Coast				Sunshine Coast				Wide Bay (Bundaberg)				Darling Downs / Southern Downs				Rockhampton / Central Qld				Mackay				Townsville				Cairns									
			ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID						
ABC	ABC1	2	4112	12837	577				705	4112	12884	579				705	4112	12884	579				705	4112	12884	579				705	4112	12884	579				705	4112	12884	579				705
	ABC News 24	24							704							704							704							704							704							704
	ABC1	21							707							707							707							707							707							707
	ABC2	22							706							706							706							706							706							706
	ABC3	23							708							708							708							708							708							708
	ABC Dig Music	200							710							710							710							710							710							710
	ABC Jazz	201							711							711							711							711							711							711
SBS	SBS ONE	3	12802	12802	816				817	12802	12802	816				817	12802	12802	944				945	12802	12802	944				945	12802	12802	944				945	12802	12802	944				945
	SBS HD	30							821							821							949							949							949							949
	SBS TWO	32							818							818							946							946							946							946
	SBS 3	33							819							819							947							947							947							947
	SBS 4	34							820							820							948							948							948							948
	SBS Radio 1	38							830							830							958							958							958							958
	SBS Radio 2	39							831							831							959							959							959							959
Southern Cross	SC10 + Market name	5							2063							2065							2066							2067							2068							2069
	One HD + Market name	50							2095							2097							2098							2099							2100							2101
	ELEVEN	55							2127							2129							2130							2131							2132							2133
Prime Television	Prime	6							2360																																			
	Prime HD	60							2400																																			
	Prime View 1	61							2401																																			
	7TWO on Prime	62							2402																																			
	Prime View 3	63							2403																																			
Seven Network	7 (Sun Coast)	6								4115	12943	2384											4115	12944	2400																			
	7 HD	60							2400																					2416														
	7 Digital 1	61							2401																					2417														
	7TWO	62							2402																					2418														
	7 Digital 3	63							2403																					2419														
	7 Digital	7	4115	12840	1284				1344	4115	12840	1284				1344	4115	12942	2368					4115	12941	2352				2368	4115	12940	2336				2352	4115	12939	2320				2336
	7HD	70							1348							1348							2384							2372							2356							2340
	7 Digital 1	71							1345							1345							2385							2369							2353							2337
	7TWO	72							1346							1346							2386							2370							2354							2338
	7 Digital 3	73							1347							1347							2387							2371							2355							2339
WIN	WIN + Market Name	8								12913	12913	12927					12913	12913	12916					12913	12913	12925					12913	12913	12924					12913	12913	12923				
	WIN HD	80							1							1							1							1							1							1
	GO! + Market Name	88							10							10							2							2							2							2
NBN	NBN Digital + Sub-Market Name	8								4121	12974	1796																																
	NBN HD + Sub-Market Name	80							105																																			
	GO!	88							185																																			
Nine Network	Nine Digital	9	4114	12839	1024				1025	4114	12839	1089				1137														1025														
	Nine HD	90							1152							1138														1152														
	GO!	99							1030							1139														1030														
Network Ten	ONE HD	1	4116	12841	1540				1601	4116	12841	1540				1601														1601														
	Ten Digital	10							1605							1605														1605														
	ONE HD	12							1607							1607														1607														
	ELEVEN	11							1608							1608														1608														
Community TV	31 Digital	44	12842	12842	3584																																							



Transport Stream Service Information for Television Market Area All values are decimal

Broadcaster	Service Name	LCN (dec)	Western Australia																				Tasmania					Northern Territory					Remote													
			Perth				Mandurah (Turner Hill)				Bunbury				Albany				Regional				Hobart					Launceston					Darwin					Regional					Other Remote and C. E. Australia			
			ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID	ONID	NID	TSID	SID
ABC	ABC1	2	12801	12857	0609		4112	12886	0611		4112	12886	0611		4112	12886	0611		4112	12886	0611		4112	12891	0625		4112	12887	0627		4112	12892	0641		4112	12888	0643									
	ABC News 24	24				0737				0737				0737				0737							0625				0657				0641				0643				0753					
	ABC1	21				0736				0736				0736				0736							0624				0656				0640				0752									
	ABC2	22				0739				0739				0739				0739							0627				0659				0643				0755									
	ABC3	23				0738				0738				0738				0738							0626				0658				0642				0754									
	ABC Dig Music	200				0740				0740				0740				0740							0628				0660				0644				0756									
	ABC Jazz	201				0742				0742				0742				0742							0630				0662				0646				0758									
						0743				0743				0743				0743							0631				0663				0647				0759									
SBS	SBS ONE	3	12802	12802	0800		12802	12802	0800		12802	12802	0928		12802	12802	0928		12802	12802	0896		12802	12802	0896		12802	12802	0864		12802	12802	0944													
	SBS HD	30				0801				0801				0801				0801							0897				0897				0865				0945									
	SBS TWO	32				0805				0805				0805				0805							0901				0901				0869				0949									
	SBS 3	33				0802				0802				0802				0802							0898				0898				0866				0946									
	SBS 4	34				0803				0803				0803				0803							0899				0899				0867				0947									
	SBS Radio 1	38				0804				0804				0804				0804							0900				0900				0868				0948									
	SBS Radio 2	39				0814				0814				0814				0814							0910				0910				0878				0958									
						0815				0815				0815				0815							0911				0911				0879				0959									
Southern Cross	SCTV + Market name	6																				12811	12938	2306		12811	12939	2307																		
	SCTV HD	60																							2306				2307																	
	7TWO	62																							2338				2339																	
																									2370				2371																	
	SCTV + Market name	7																												12811	12938	2305														
	SCTV HD	70																																			2305									
	7TWO	72																																			2337									
																																					2369									
Tasmanian Digit	TDT - SD	5																				12812	12955	2071		12812	12956	2072																		
	One HD Tasmania	50																							2071				2072																	
	ELEVEN	55																							2103				2104																	
																									2135				2136																	
Darwin Digital T	DDT	10																												12812	12958	2074									2074					
	One HD Darwin	1																																			2106									
	ELEVEN	11																																			2138									
Prime Television	Prime	6																																												
	Prime HD	60																																												
	Prime View 1	61																																												
	7TWO on Prime	62																																												
	Prime View 3	63																																												
Seven Network	7 Digital	7	4115	12860	1286																																									
	7HD	70																							1376												1380									
	7 Digital 1	71																							1377												1378									
	7TWO	72																							1378												1379									
	7 Digital 3	73																							1379																					
West Digital	West Digital	5																				4123	12813	2560																						
	GWN	6																							2101												2391									
	WIN WA	8																							1905																					
WIN	WIN + Market Name	8																				12917	511	12922		12917	12917	12923													1					
	WIN HD	80																							1												10									
	GO! + Market Name	88																							2												2									
			12803	12803	1104																																									
	Nine Digital	9																							1025																					
	Nine HD	90																							1030																					
	GO!	99																							1026																					
Nine Network	Nine Digital	9																												12803	12921	1732									1793					
	Nine HD	90																																			1794									
	GO!	99																																			1795									
Network Ten	ONE HD	1	4116	12861	1543																																									
	Ten Digital	10																							1665												1669									
	ONE HD	12																							1671												1672									
	ELEVEN	11																							1672																					
Imparja Televisi																																														
Community TV																																														