

Advanced EPG Services data descriptor details for Electronic Program Guide, LCN, Genre, and Landing Page information on DD FreeDish Platform

To enhance the viewing experience of Channels in the DD Free Dish by the Subscribers/Viewers, DD FreeDish Platform is being upgraded to provide the advance EPG data for bundling of channels in different Genres, Genre wise LCN data to provide ease of surfing of TV channels and Landing page data to provide precise viewing of specified channel. This includes the Electronic Program Guide Data for 7 days for each channel.

Technical Details of PSI/SI Descriptor for Advance EPG Services data are as follows:

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Version 1.0

1. PSI/SI Descriptor Presence Matrix

Table	PID	Loop Level	Descriptor	Tag
PAT	0x0000	-	-	-
PMT	As per PAT	ES	Codecdescriptors	-
BAT	0x0011	Bouquet Loop	BouquetNameDescriptor	0x47
BAT	0x0011	TSLoop	ServiceListDescriptor	0x41
NIT	0x0010	Network Loop	NetworkNameDescriptor	0x40
NIT	0x0010	Network Loop	LinkageDescriptor	0x4A
NIT	0x0010	TSLoop	ServiceListDescriptor	0x41
NIT	0x0010	TSLoop	SatelliteDeliverySystem Descriptor	0x43
NIT	0x0010	TSLoop	LCNDescriptor(Private)	0x83
EIT	0x0012	EventLoop	Eventdescriptorspresent	-
TDT	0x0014	-	-	-
TOT	0x0014	Descriptor Loop	LocalTimeOffsetDescriptor	0x58

2. Details of Ku Band Satellite Transponders being used for DD Free Dish DTH Service

Transport Stream	Capacity for Number of Channels		Satellite	D/L Frequency	Polarization	Compression
	TV	Radio				
TS-1	18	8	GSAT-15	11090.00	V	MPEG-2,DVB-S
TS-2	18	8	GSAT-15	11170.00	V	MPEG-2,DVB-S
TS-4	18	8	GSAT-15	11510.00	V	MPEG-2,DVB-S
TS-3	20	8	GSAT-15	11470.00	V	MPEG-2,DVB-S
TS-5	20	8	GSAT-15	11550.00	V	MPEG-2,DVB-S
TS-6	30	8	GSAT-15	11630.00	V	MPEG-4,DVB-S-2
TS-7	30	8	GSAT-15	11050.00	V	MPEG-4,DVB-S-2
TS-8	30	8	GSAT-15	11470.00	H	MPEG-4,DVB-S-2

NB1.The information is subject to change and new versions will be published as and when there is change.

NB2. The information contained above is meant for development of upcoming STBs and TV sets with inbuilt Satellite TV tuners by respective manufacturers.

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