



Приложение П 2 – Технически изисквания към Общи условия на The Sales House / Appendix П 2 – Technical requirements to General Sales Rules of The Sales House

Всички файлове трябва да бъдат с пълни секунди до 24 кадъра! / All files should be delivered with full seconds up to 24 frames!

Всеки файл за Nickelodeon, Nick Jr., Nicktoons трябва да бъде придружен с превод на озвучаването на английски / All files for Nickelodeon, Nick Jr., Nicktoons should have an attachment with English translation of the voice over

HD Delivery Specification	
Channels	
Discovery Channel, Eurosport 1, TLC, Travel Channel, Fine Living Network, Food Network, Nickelodeon, Nick Jr., Nicktoons, Wness	
General	
Wrapper	OP1a
File Extension	.mxf (Closed/Complete)
Video Track	
Codec	HDCAM HD422
Colour Sampling	04:02:02
Bitrate	50Mbps (CBR)
GOP	Long GOP
Bit depth	8 bits
Resolution	1920 x 1080
Aspect Ratio	16:09
Interlaced	yes
Frame rate	25 fps
Field dominance	Top Field First (TFF)
Luminance Levels	0mV to 700mV
Luminance Tolerance (EBU R103-2000)	-1% to 103%
Audio tracks	
Number of Audio Tracks/Pairs	1
Number of channels per Track	2
Codec	PCM
Sample Rate	48kHz
Bit depth	24
Endianness	Little
Target Loudness (EBU R128)	-23LUFS (±0.5 LU)
Max Permitted True Peak Level (EBU R128)	1 dBTP
Timecode track	
Timecode standard	SMPTE
First frame TC	00:00:00:00

SD Delivery Specification	
Channels	
ID	
General	
Wrapper	OP1a
File Extension	.mxf (Closed/Complete)
Video Track	
Codec	IMX50
Version	04:02:02
Bitrate	50Mbps (CBR)
GOP	1 frame only
Bit depth	8 bits
Resolution	720 x 608
Aspect Ratio	16:09
Interlaced	yes
Frame rate	25 fps
Field dominance	Top Field First (TFF)
Luminance Levels	0mV to 700mV
Luminance Tolerance (EBU R103-2000)	-1% to 103%
Audio tracks	
Number of Audio Tracks/Pairs	1
Number of channels per Track	2
Codec	PCM
Sample Rate	48kHz
Bit depth	24
Endianness	Little
Target Loudness (EBU R128)	-23LUFS (±0.5 LU)
Max Permitted True Peak Level (EBU R128)	1 dBTP
Timecode track	
Timecode standard	SMPTE
First frame TC	00:00:00:00

Delivery Specification	
Channels	
Channel 3	
General	
File Extension	.mpg
Multiplex	MPEG Program Stream
Video	
Standard	PAL
Frame Size	720 x 576
Frame Rate	25 fps
Scan type	Interlaced
Scan order	Field 1 first (Upper field)
Pixel aspect ratio	16:9 (Anamorphic)
Video Codec	MPEG 2
Main Profile	@ Main level
Color Format	04:02:00
Bitrate	8 - 15Mbps - CBR
Audio tracks	
Audio Codec	Mpeg 1 Layer 2
Sample Rate	48kHz
Sample Size	16 bit
Channels	Stereo
Bitrate	224 - 384kbps
Audio level	- 6dBFS

