



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	
<b>Channels</b>	
Discovery Channel, Eurosport 1, TLC, Travel Channel, Fine Living Network, Food Network, Nickelodeon, Nick Jr., Nicktoons, Wness	
<b>General</b>	
Wrapper	OP1a
File Extension	.mxf (Closed/Complete)
<b>Video Track</b>	
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%
<b>Audio tracks</b>	
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
<b>Timecode track</b>	
Timecode standard	SMPTE
First frame TC	00:00:00:00

SD Delivery Specification	
<b>Channels</b>	
ID	
<b>General</b>	
Wrapper	OP1a
File Extension	.mxf (Closed/Complete)
<b>Video Track</b>	
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%
<b>Audio tracks</b>	
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
<b>Timecode track</b>	
Timecode standard	SMPTE
First frame TC	00:00:00:00

Delivery Specification	
<b>Channels</b>	
Channel 3	
<b>General</b>	
File Extension	.mpg
Multiplex	MPEG Program Stream
<b>Video</b>	
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
<b>Audio tracks</b>	
Audio Codec	Mpeg 1 Layer 2
Sample Rate	48kHz
Sample Size	16 bit
Channels	Stereo
Bitrate	224 - 384kbps
Audio level	- 6dBFS