



## 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, Cartoon Network, Nickelodeon, Nick Jr., Nicktoons, BG On Air, 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 Ration                                                                                                            | 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                     |
| Endianess                                                                                                                | 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                     |
| Endianess                                | 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            |

