

File Onboarding Delivery Specifications

Updated October 2017

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1) PURPOSE

This document describes the file on-boarding specifications needed for delivering commissioned original and acquired material to Corus Entertainment.

All file-based content will require the evaluation of a test file before acceptance. Content distributors should anticipate a 2-4 week period to onboard and evaluate new file deliveries.

Please fill out Section 2, 'Format Specifications', and forward this document to [Corus Media Services](#). Best efforts must be made to meet Corus Entertainment's format specifications. Alternate file specs may be accepted only with prior written consent from Corus Entertainment and following the evaluation of a test file.

2) FORMAT SPECIFICATIONS

A) HIGH DEFINITION

I. GENERAL

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Format	XDCAM HD 422	
File Container	MXF	
Time Code Track	Drop Frame	
TC Start of Message	00:59:58:00	
Order of Events	1 frame of Slate, 1 second and 28 frames of black, start of content at 01:00:00;00	
Closed Captions	.SCC file & SMPTE 436M (EIA-708 and 608)	

II. VIDEO

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Codec	MPEG 2	
Bit Rate	50 Mbps	
GOP Structure	Long GOP	
Scan Type	Interlaced	
Field Order	Top Field First	
Standard	NTSC	
Aspect Ratio	1.78	
Resolution	1920 x 1080 pixels	
Frame Rate	29.97 frames per second	

III. AUDIO

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Codec	PCM	
Sampling Rate	48 KHz	
Bit Depth	24 bit	
Channels	Stereo Full Mix on 1-4 (Described Video on 3-4 if available), 5.1 (Left, Right, Centre, LFE, Left Surround, Right Surround on 5-10), Dialogue and Effects on 11-12	
Pairing	Stereo Pairs	
Levels	ATSC A/85 standard	

B) 4K/UHD HIGH DEFINITION

I. GENERAL

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Format	XAVC	
File Container	MXF	
Time Code Track	Drop Frame	
TC Start of Message	00:59:58:00	
Order of Events	1 frame of Slate, 1 second and 28 frames of black, start of content at 01:00:00:00	
Closed Captions	.SCC (timecode must match source MXF file)	

II. VIDEO

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Codec	MPEG 4	
Bit Rate	300 Mbps	
GOP Structure	GOP N=1	
Scan Type	Progressive	
Standard	Component	
Aspect Ratio	1.78	
Resolution	3840 x 2160 pixels	
Frame Rate	29.97 frames per second	

III. AUDIO

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Codec	PCM	
Sampling Rate	48 KHz	
Bit Depth	24 bit	
Channels	Stereo Full Mix on 1-4 (Described Video on 3-4 if available), 5.1 (Left, Right, Centre, LFE, Left Surround, Right Surround on 5-10), Dialogue and Effects on 11-12	
Pairing	Stereo Pairs	
Levels	ATSC A/85 standard	

C) STANDARD DEFINITION (not encouraged)

I. GENERAL

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Format	IMX 30	
File Container	QuickTime	
Time Code Track	Drop Frame	
TC Start of Message	00:59:58:00	
Order of Events	1 frame of Slate, 1 second and 28 frames of black, start of content at 01:00:00:00	
Closed Captions	VBI (EIA-608)	

II. VIDEO

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Codec	MPEG 2	
Bit Rate	30 Mbps	
GOP Structure	I Frame	
Scan Type	Interlaced	
Field Order	Top Field First	
Standard	NTSC	
Aspect Ratio	1.33	
Resolution	720 x 486 pixels	
Frame Rate	29.97 frames per second	

III. AUDIO

ENCODING SPECS	CORUS ENTERTAINMENT REQUIREMENTS	YOUR SPECS
Codec	PCM	
Sampling Rate	48 KHz	
Bit Depth	24 bit	
Channels	Stereo Full Mix on 1-4 (Described Video on 3-4 if available)	
Pairing	Stereo Pairs	
Levels	ATSC A/85 standard	

3) DELIVERY METHOD

Preferred delivery method for test files and masters is the Corus Entertainment Signiant Media Shuttle Account. This will be provided to you upon the completion of Section 2. Alternate delivery methods will be determined and agreed upon on a case by case basis.