



On Air:

<b>Element</b>	XDCAM HD 18 NTSC 60i
File Format	MXF OP1a (.mxf)
<b>Video Stream</b>	
Codec	MXF(XDCAM HD 18 NTSC 60i)
Frame Size 16/9	1920 x 1080
Frame Rate	29.97 fps
Frame Rate Mode	Constant (not Variable)
Scan Type	Interlaced (Upper First)
Video Stream BitRate	18808 Kbps
Video Stream BitRate Mode	CBR
<b>Audio Stream</b>	
Codec	Uncompressed
Audio Stream BitRate	192 Kbps
Audio Stream BitRate Mode	CBR
Number of Audio Channels	2 (Stereo)
Audio Channel's Positions	L, R
Sampling Rate	48 KHz
Bit Depth	24 bits
<b>Closed Caption</b>	Embedded closed caption 608/708. In addition, Each file must have a side car .scc file that is 29.97 NDF

On PBS:

<b>Element</b>	<b>HD 1080p Mezzanine Spec</b>
File Format	MPEG-4 (.mp4)
Total Stream BitRate	15Mbps
<b>Video Stream</b>	
Codec	AVC (H.264)
Frame Size 16/9	1920 x 1080
Frame Rate	29.97 fps
Frame Rate Mode	Constant (not Variable)
Scan Type	Progressive
Video Stream BitRate	14808 Kbps
Video Stream BitRate Mode	VBR
<b>Audio Stream</b>	
Codec	AAC
Audio Stream BitRate	192 Kbps
Audio Stream BitRate Mode	CBR
Number of Audio Channels	2 (Stereo)
Audio Channel's Positions	L, R
Sampling Rate	48 KHz
Bit Depth	16 bits
<b>Closed Caption</b>	Each file must have a side car .scc file that is 29.97 NDF