

**Technical Specifications For Digital Delivery**  
**Updated- 27.05.14**

Video Frame Rate	25 only
Resolution including aspect ratio information.	HD - 1920x1080 16:9 SD- 720 x 576 16:9 preferable, and 4:3 are acceptable.
Video Codec	HD – XDCAM SD – IMAX 50
Container	mxl
Video Bitrate	HD - 50Mbps SD - 50Mbps
Scan Type	Interlaced
Audio Sound Format	<p><b>Stereo</b> - 1+2 FULL MIX , 1 = Master Left 2 = Master Right</p> <p><b>Stereo + Dolby E</b> – 1+2 FULL MIX , 3+4 Dolby E</p> <p><b>Surround sound</b> – can be delivered in 8 discrete PCM tracks as follows :</p> <ul style="list-style-type: none"> <li>Ch.1 = Left</li> <li>Ch.2 = Right</li> <li>Ch.3 = Center</li> <li>Ch.4 = LFE (SUB)</li> <li>Ch.5 = Left Surround</li> <li>Ch.6 = Right Surround</li> <li>Ch.7 = LT or Left Stereo</li> <li>Ch.8 = RT or Right Stereo</li> </ul>
Dynamic Range	The ratio of the loudest undistorted sound in ratio to the speech softest sound will not exceed 30db
Sample Frequency	48 Khz
Audio bit depth	24 bits/sample
Audio Codec	PCM
Video Compression Mode	CBR
Audio Compression Mode	CBR
Audio Bitrate	256 KB/s

Macro-block structure - Chroma Sampling	4:2:2
Programme Content Only.	Yes , plus slates if available
Pixel aspect ratio	CCIR-601
Stream type	elementary stream
Files naming conventions	Due to file system limitations file and directory names can be up to 180 characters long.