



# FIRST NATIONS MEDIA ARCHIVES

## Digital Formats

Preservation masters		
Moving image	Still images	Audio
Digitised video	Digitised images	Digitised audio
<p><b>Codec and settings</b></p> <ul style="list-style-type: none"> <li>• Codec: MPEG2</li> <li>• Video Bit rate: 25 Mbits per second</li> <li>• Frame rate: iFrame (25Hz)</li> <li>• Chroma: 4:2:2</li> <li>• Interlacing: Progressive</li> <li>• Audio type: PCM</li> <li>• Audio sample rate: 48kHz</li> </ul> <p><b>Wrapper</b></p> <ul style="list-style-type: none"> <li>• Quicktime (.mov)</li> </ul>	<p><b>Codec and settings</b></p> <ul style="list-style-type: none"> <li>▪ Codec: TIFF or JPEG2000*</li> <li>▪ 1:1 actual size of original</li> <li>▪ Resolution: min 400 dpi</li> <li>▪ Bit rate: 1 bit bitonal, 8 bit grayscale, 16 bit colour</li> <li>▪ Adobe RGB (1998) Colour space for colour images; Gray gamma 2.2 colour space for B&amp;W images.</li> </ul> <p><i>* Please note that JPEG2000 is not the same as JPG.</i></p>	<p><b>Codec and settings</b></p> <ul style="list-style-type: none"> <li>• Codec: WAV</li> <li>• Encoded to Linear Pulse Code Modulation (LPCM)</li> <li>• Sampling frequency: 96 kHz</li> <li>• Bit depth: 24</li> <li>• Sound field: as in original recording</li> <li>• Byte order: Little endian</li> </ul> <p><b>Wrapper</b></p> <ul style="list-style-type: none"> <li>• Broadcast WAV (.wav).</li> </ul>

Preservation masters		
Moving image	Still images	Audio
Born digital video	Born digital images	Born digital audio
<p><b>Codec and settings</b></p> <ul style="list-style-type: none"> <li>• Codec: MPEG2</li> <li>• Video Bit rate: 50 Mbits per second</li> <li>• Frame rate: iFrame (25Hz)</li> <li>• Chroma: 4:2:2</li> <li>• Interlacing: Progressive</li> <li>• Audio type: PCM</li> <li>• Audio sample rate: 48kHz</li> </ul> <p><b>Wrapper</b></p> <ul style="list-style-type: none"> <li>• Quicktime (.mov)</li> </ul>	<p><b>Codec and settings</b></p> <ul style="list-style-type: none"> <li>▪ Codec: TIFF or JPEG2000</li> <li>▪ Resolution: min 400dpi</li> <li>▪ Bit rate: 16 or 24 bit colour <ul style="list-style-type: none"> <li>○ <i>OR</i></li> </ul> </li> <li>• Uncompressed and unedited original digital image in the format set by the capture equipment.</li> <li>• RAW formats should be converted, without image editing, into TIFF or JPEG2000.</li> </ul>	<p><b>Codec and settings</b></p> <ul style="list-style-type: none"> <li>• Codec: WAV</li> <li>• Encoded to Linear Pulse Code Modulation (LPCM)</li> <li>• Sampling frequency: as in digital original</li> <li>• Bit depth: as in digital original</li> <li>• Sound field: as in digital original</li> <li>• Byte order: Little endian</li> </ul> <p><b>Wrapper</b></p> <ul style="list-style-type: none"> <li>• Broadcast WAV (.wav)</li> </ul>
Digital access copies		
Moving image	Still image	Audio
Appropriate to the player platform(s) being used.	Appropriate to the viewer platform(s) being used.	Appropriate to the player platform(s) being used.