

# MXF File Set

Essence description and list of test files

## Essence description

The following audio and video essence was used for the test files.

Video	<p>The video shows a short clip from the short film “Scrapper” with an graphical overlay on top. The overlay contains:</p> <ul style="list-style-type: none"> <li>• Timecode information</li> <li>• Markers (in form of 3 arrowheads) for all four frame edges</li> <li>• A frame count</li> <li>• Two white boxes, that are displayed alternately (switched every frame)</li> <li>• A rotating circle (one rotation per second)</li> <li>• Copyright and informational text</li> <li>• The IRT logo</li> </ul>																																
Audio	<p>The file contains Stereo and 5.1 Multichannel audio that is loudness normalized according to EBU R128. The audio mix contains the “Scrapper” sound mix with a channel indication voice over, that is repeated every 5 seconds.</p>																																
Audio channel alignment (for all files with 8 audio channels)	<table border="1" data-bbox="432 1128 930 1404"> <tr><td>Channel 1</td><td>Stereo Left</td></tr> <tr><td>Channel 2</td><td>Stereo Right</td></tr> <tr><td>Channel 3</td><td>5.1 Left</td></tr> <tr><td>Channel 4</td><td>5.1 Right</td></tr> <tr><td>Channel 5</td><td>5.1 Center</td></tr> <tr><td>Channel 6</td><td>5.1 LFE</td></tr> <tr><td>Channel 7</td><td>5.1 Left Surround</td></tr> <tr><td>Channel 8</td><td>5.1 Right Surround</td></tr> </table>	Channel 1	Stereo Left	Channel 2	Stereo Right	Channel 3	5.1 Left	Channel 4	5.1 Right	Channel 5	5.1 Center	Channel 6	5.1 LFE	Channel 7	5.1 Left Surround	Channel 8	5.1 Right Surround																
Channel 1	Stereo Left																																
Channel 2	Stereo Right																																
Channel 3	5.1 Left																																
Channel 4	5.1 Right																																
Channel 5	5.1 Center																																
Channel 6	5.1 LFE																																
Channel 7	5.1 Left Surround																																
Channel 8	5.1 Right Surround																																
Audio channel alignment (for all files with 16 audio channels)	<table border="1" data-bbox="432 1431 930 1975"> <tr><td>Channel 1</td><td>Stereo Left</td></tr> <tr><td>Channel 2</td><td>Stereo Right</td></tr> <tr><td>Channel 3</td><td>5.1 Left</td></tr> <tr><td>Channel 4</td><td>5.1 Right</td></tr> <tr><td>Channel 5</td><td>5.1 Center</td></tr> <tr><td>Channel 6</td><td>5.1 LFE</td></tr> <tr><td>Channel 7</td><td>5.1 Left Surround</td></tr> <tr><td>Channel 8</td><td>5.1 Right Surround</td></tr> <tr><td>Channel 9</td><td>Stereo Left</td></tr> <tr><td>Channel 10</td><td>Stereo Right</td></tr> <tr><td>Channel 11</td><td>5.1 Left</td></tr> <tr><td>Channel 12</td><td>5.1 Right</td></tr> <tr><td>Channel 13</td><td>5.1 Center</td></tr> <tr><td>Channel 14</td><td>5.1 LFE</td></tr> <tr><td>Channel 15</td><td>5.1 Left Surround</td></tr> <tr><td>Channel 16</td><td>5.1 Right Surround</td></tr> </table>	Channel 1	Stereo Left	Channel 2	Stereo Right	Channel 3	5.1 Left	Channel 4	5.1 Right	Channel 5	5.1 Center	Channel 6	5.1 LFE	Channel 7	5.1 Left Surround	Channel 8	5.1 Right Surround	Channel 9	Stereo Left	Channel 10	Stereo Right	Channel 11	5.1 Left	Channel 12	5.1 Right	Channel 13	5.1 Center	Channel 14	5.1 LFE	Channel 15	5.1 Left Surround	Channel 16	5.1 Right Surround
Channel 1	Stereo Left																																
Channel 2	Stereo Right																																
Channel 3	5.1 Left																																
Channel 4	5.1 Right																																
Channel 5	5.1 Center																																
Channel 6	5.1 LFE																																
Channel 7	5.1 Left Surround																																
Channel 8	5.1 Right Surround																																
Channel 9	Stereo Left																																
Channel 10	Stereo Right																																
Channel 11	5.1 Left																																
Channel 12	5.1 Right																																
Channel 13	5.1 Center																																
Channel 14	5.1 LFE																																
Channel 15	5.1 Left Surround																																
Channel 16	5.1 Right Surround																																

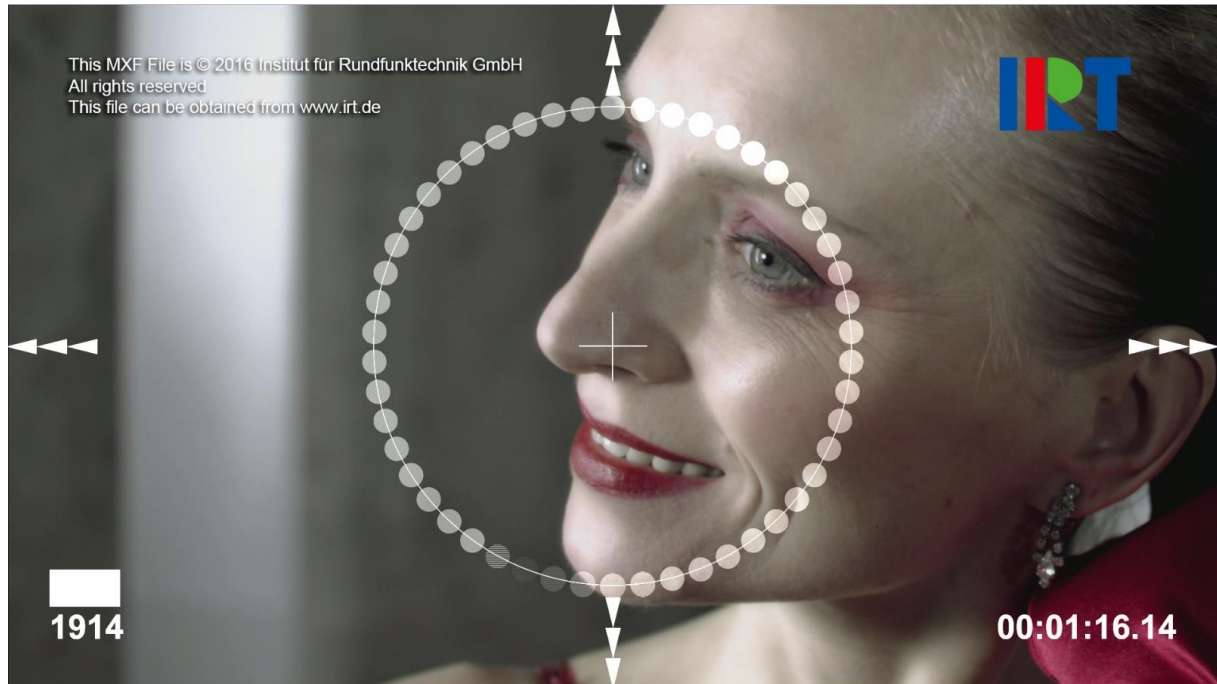


Figure 1 - Snapshot from the video content

## List of sample files

File no	Related profile	Conformance	Video codec	Format	Audio codec	no audio channels	Duration	Comments
1001	HDF 01a	conform	XDCAM HD	1080i25	PCM	8	25 s	HDF01a Profile konform
1002	HDF 01b	conform	XDCAM HD	1080i25	PCM	16	25 s	HDF01b Profile konform
1003	HDF 02a	conform	AVC-I	1080i25	PCM	8	25 s	HDF02a Profile konform
1004	HDF 02b	conform	AVC-I	1080i25	PCM	16	25 s	HDF02b Profile konform
1005	HDF 03a	conform	AVC-I	720p50	PCM	8	25 s	HDF03a Profile konform
1006	HDF 03b	conform	AVC-I	720p50	PCM	16	25 s	HDF03b Profile konform
1007	HDF 01a	conform	XDCAM HD	1080i25	PCM	8	120 s	Duration of 120 seconds
1008	HDF 01b	conform	XDCAM HD	1080i25	PCM	16	120 s	Duration of 120 seconds
1009	HDF 02a	conform	AVC-I	1080i25	PCM	8	120 s	Duration of 120 seconds
1010	HDF 02b	conform	AVC-I	1080i25	PCM	16	120 s	Duration of 120 seconds
1011	HDF 03a	conform	AVC-I	720p50	PCM	8	120 s	Duration of 120 seconds
1012	HDF 03b	conform	AVC-I	720p50	PCM	16	120 s	Duration of 120 seconds
1013	HDF 01a	conform	XDCAM HD	1080i25	PCM	8	25 s	File contains precharge and roll-out
1014	HDF 01b	conform	XDCAM HD	1080i25	PCM	16	25 s	File contains precharge and roll-out
1015	HDF 01a	conform	XDCAM HD	1080i25	PCM	8	25 s	Status of Header Partition: Open & Incomplete
1016	HDF 01b	conform	XDCAM HD	1080i25	PCM	16	25 s	Status of Header Partition: Open & Incomplete
1017	HDF 02a	conform	AVC-I	1080i25	PCM	8	25 s	Status of Header Partition: Open & Incomplete
1018	HDF 02b	conform	AVC-I	1080i25	PCM	16	25 s	Status of Header Partition: Open & Incomplete
1019	HDF 03a	conform	AVC-I	720p50	PCM	8	25 s	Status of Header Partition: Open & Incomplete
1020	HDF 03b	conform	AVC-I	720p50	PCM	16	25 s	Status of Header Partition: Open & Incomplete
1021	HDF 02a	conform	AVC-I	1080i25	PCM	8	25 s	Index Table is repeated in Footer Partition
1022	HDF 02b	conform	AVC-I	1080i25	PCM	16	25 s	Index Table is repeated in Footer Partition
1023	HDF 03a	conform	AVC-I	720p50	PCM	8	25 s	Index Table is repeated in Footer Partition
1024	HDF 03b	conform	AVC-I	720p50	PCM	16	25 s	Index Table is repeated in Footer Partition
1025	HDF 01a	conform	XDCAM HD	1080i25	PCM	8	25 s	Index Table repetition according to ST 377-1
1026	HDF 01b	conform	XDCAM HD	1080i25	PCM	16	25 s	Index Table repetition according to ST 377-1