

SPE/ASSET MANAGEMENT ONE-LITE SPECIFICATIONS

6-26-17

One-Lite video files are created to be reference files of the approved picture, and therefore must represent the formatting, framing and timing of the film element exactly. There is to be one file per film reel.

If the source has sound (e.g. print or fine grain master), the sound is transferred to the first two audio tracks on the QuickTime file at 48K. If there is no sound on the source (e.g. IP, Scan), then the QuickTime will be MOS unless a layback is specifically requested.

Deliverables and formatting:

- 1) QuickTime picture files are to be delivered electronically via the Sony Runner system to two locations: The "Asset Management\Audio Restoration\Picture Reference\

Leader: A full countdown leader is to be supplied with a picture start frame and head "2pop". **Starting the file at the "2pop" or FFOP is not acceptable.**

File Format: ProRes 422 in QuickTime wrapper (.mov file). Use of other codecs requires approval from Sony Pictures Asset Management.

Resolution: 960x540 is typical for a 16x9 full resolution source

Settings: Typical settings are: 75% quality , 23.98 fps or 24 fps (depending on source-will specify in the PO), 960X540.

File Size: The file size should be the range of 4-4.5 gigabytes/reel.

Partitioning: In film reel lengths. There must be one (1) QuickTime file/reel.

Frame Rate: 23.98fps for HD. May use true 24 fps if from a scan. This will be specified on the PO.

Time Code: The time code must match the frame rate. For Hi-Def QuickTimes, the TC would be 23.98 or 24 frame time code depending on the requested frame rate. If Standard Def QuickTimes are specifically ordered, NTSC or PAL timecode is used as appropriate.

Bars/Tones (optional): 30 seconds after the tail pop for a duration of 30 seconds (to the end of the file). This corresponds to the alignment tone area of the final audio files that are referenced to this one-lite.

File Start: Left edge of Picture Start Mark frame (zero feet).

File End: One minute past the tail pop.

Burn-ins: Time Code in upper left, Feet/Frames upper right. Burn-in windows should be large enough to read easily but not so large as to obscure the picture action. 18-20 point font is typical.

Time Code Formatting: Hour = Reel number.

Even hour = zero feet e.g. Reel 3 is 03:00:00:00 at zero feet (left edge of "Picture Start" frame).

Slate: 10 seconds after the tail pop, duration of 10 seconds.

Slate contents:

- Title and release year e.g. Age of Innocence (1933)
- Version (e.g. Domestic, Unrated)
- Reel number and number in set (e.g. Reel 3 of 6)
- "One-Lite" (*not* "One Light" or "1-Lite").
- One-Lite manufacturing date
- Resolution
- Sound detail ("MOS" or audio track information)
- LFOP
- PO#
- Source Description (e.g. 35mm IP, Data)
- Source Identification (**This is the same as the Picture Reference ID in the file name**)***

Examples:

Sony Barcode of the physical IP reel

If no Sony Barcode, use the lab facility barcode

If from data, use the lab data record identifier

Last resort, use the lab barcode on the DVD-R

*****The Picture Reference ID must match between the Runner metadata, labels, filenames and slates.**

File Formatting/Layout description:

A full countdown leader is to be supplied with a picture start frame and head "2pop". **Starting the file at the "2pop" or FFOP is not acceptable.**

File should start at zero feet (left edge of the "picture start" frame). This will also correspond to the even hour in timecode, reel number = hour. Head sync pop is at 6

seconds (9 feet), program start is at 8 seconds (12 feet). The tail pop (2 seconds after the start of the last frame of picture) is to be present for the duration of one frame. The file is to continue 1 minute past the tail pop in black, with all burn-in numbers running. The slate is 10 seconds after the tail pop for a duration of 10 seconds. Bars and Tones (if present) are 30 seconds after the tail pop for a duration of 30 seconds (to the end of the file).

Example: For reel 3, LFOP 1800 feet:

Beginning of file is zero feet = 03:00:00:00, head pop is 03:00:06:00 (9 feet), program start (FFOP) is 03:00:08:00 (12 feet). Tail pop is 1803' = 03:20:02:00, slate is 1818' to 1833' (03:20:12:00 to 03:20:22:00), bars and tones are 1848' to 1893' (03:20:32:00 to 03:21:02:00), end of file is 1893' (03:21:02:00)

File Naming:

“The Quick and the Dead”, domestic version, R2, English, 960x540, 185, HD One-Lite, 23.98fps, picture reference ID=GN46578, created January 20, 2010

QCKDED_D_R2_ENG_960x540_185_OL_2398_GN46578_20100120.mov

** Refer to the most current SPE Picture File Naming Specification on the Sony Pictures TEKZONE website. Title abbreviations are registered and are available on the site. If the abbreviation is not on the site or not explicitly listed in the one-lite creation PO, use the “Help/Contact Us” page to request a title abbreviation. Then check back in TEKZONE within 48hrs for the new abbreviation.

<https://tekzone.spe.sony.com/>

Preparation:

When preparing the picture element for transfer, all reels must be rewound at half speed to the head.

It is required to look for splices, tears or other physical issues prior to running the reel. Gloves must be worn while inspecting the element.

If the film exhibits anomalies such as stretching, curling or shrinkage, which would prevent its being transferred correctly, Asset Management must be advised prior to running the job.

Issue notes: Unless advised beforehand, if slugs, jump cuts or edits are encountered, suspend work on the job and contact Asset Management.