

GMS MEZZANINE REFERENCE: "ONE-LITE" PICTURE SPECS

This specification applies to the longplay mezzanine Quicktime reference picture workflow for use in conforming audio to UHD or HD picture sources for the IMF workflow.

Leader Formatting:

Head Leader

00:59:30:00 - 00:59:33:23 SLATE
00:59:34:00 - 00:59:36:23 BLACK
00:59:37:00 - 00:59:46:23 BARS & CHARTS
00:59:47:00 - 00:59:49:23 BLACK
00:59:50:00 - 00:59:50:01 10-POP
00:59:50:01 - 00:59:59:23 BLACK
01:00:00:00 FFOP

Slate contents:

- Title and Episode# (if applicable) & release year e.g. Age of Innocence (1933)
- Version (e.g. Domestic, Unrated, etc..)
- "One-Lite LP" (*not* "One Light" or "1-Lite").
- Picture Vendor Name/Facility
- One-Lite manufacturing date
- Resolution
- Sound detail (typically "MOS")
- LFOP: <timecode location>
- PO#
- Source Description (e.g. 35mm IP, Data or "Scans")
- 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

Tail Leader

LFOP + 00:00:00:01 - LFOP + 00:00:19:23 BLACK
LFOP + 00:00:20:00 - LFOP + 00:00:20:01 Tail Sync-POP
LFOP + 00:00:20:01 - LFOP + 00:00:25:01 BLACK

Encoding Specifications:

Codec: Apple ProRes 422 (Proxy)

Image width: 960

Image height: 540

Frame Rate: Native

Timecode: Embedded in QT metadata

Data Rate: approx. 45 Mbps VBR

Chroma Sample: 4:2:2 (YUV)

EOTF: Gamma 2.4

Color Depth: 8 or 10 Bit

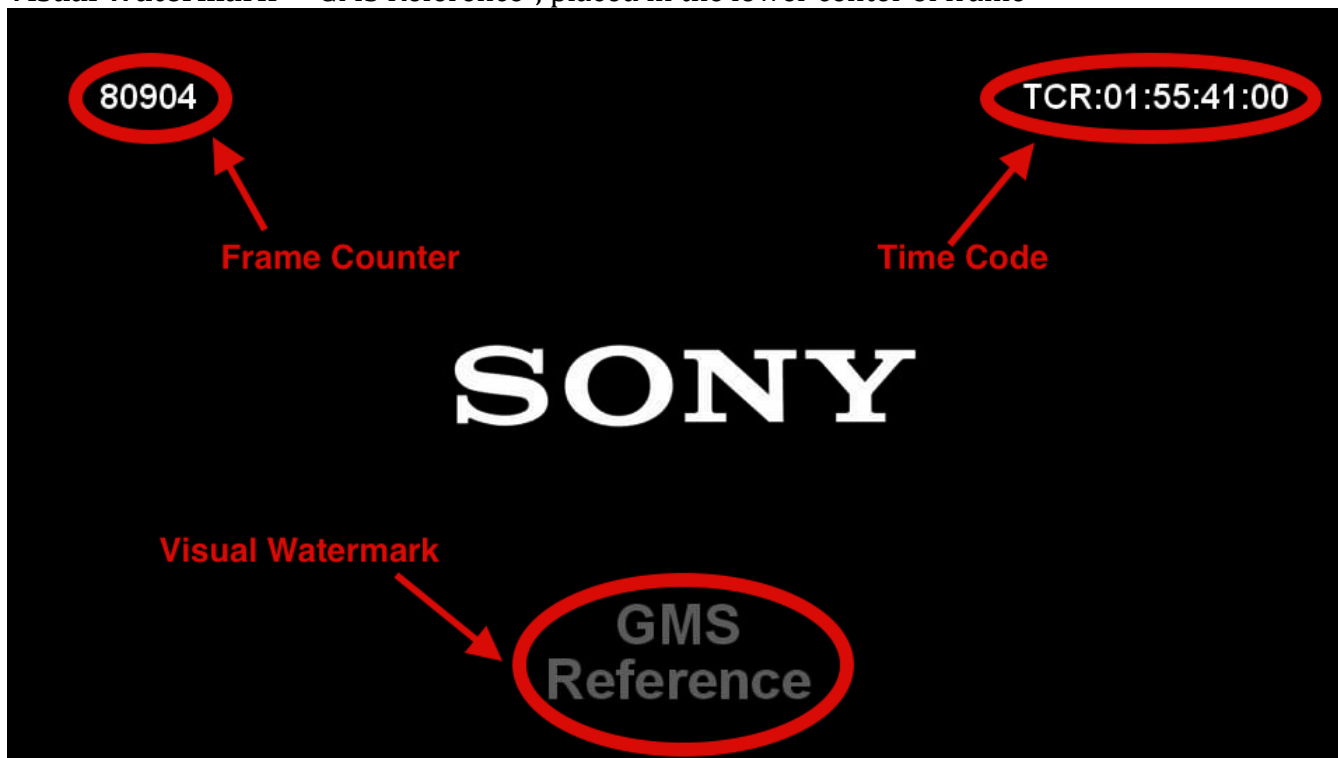
Container: .MOV

Audio: MOS

Visual Overlays:

Picture is to contain the following visual overlays (with example below):

- **Frame Counter** – starting with frame 0 at file start, placed in the upper left of frame
- **Time Code**– visual time code and should match embedded file time code, placed in the upper right of frame
- **Visual Watermark** – “GMS Reference”, placed in the lower center of frame



File Naming:

* Use release title unless otherwise directed to use a security title name
The first field (GPMS Title Abbreviation) is available on TekZone using Search by Title.
<https://tekzone.spe.sony.com/tekzone/begin.do>

One-Lite Reference Picture File naming Convention:

<GPMS TITLE ABBREVIATION>_<VERSION ABBREVIATION>_< SPATIAL
RESOLUTION>_<ASPECT RATIO>_<USAGE>_<FRAMERATE>_<REF
VERSION>_<FILEDATE>.MOV

Feature Example: TOTRE2_D_960X540_235_MUHD_2398_V20121005grd19_20121102.mov

Episodic Example: PO5_D_313_960x540_178_MUHD_2398_v20200520grd01_20200520.mov

As of this writing, MUHD or MHD =<usage>, Picture Source Identifier="V" for
PictureVersion, Baselight Scene Date & Grading# (in combination).

*Note, MUHD represents a (4K) ultra high definition picture master and MHD represents
a (2K) HD picture master.

One-lite Uploading to RUNNER:

Longplay mezzanine Quicktime reference picture one-lite files are generally uploaded to and
delivered via the SPE "Runner" web-based file transmission system. The URL (web site
address) for Runner is: <https://sonypicturesrunner.com/>

The folder hierarchy for such uploads is as follows:

Asset Management\MUHD\MHD\Reference Pictures\<picture lab vendor name>

Runner works differently than Cineshare+ in that files are uploaded first and metadata is
entered after. Each vendor receives training in its use, upon being initially authorized for
access.

The metadata fields that will be used are & are categorized as follows:

ASSET TYPE:

Asset Type & Subtype

TITLE:

Title

CONTENT DETAILS:

Creation Date, Picture Version, Source Media, Language – Audio, Region

GOLD:

Sony/Gold PO#

FORMAT DETAILS:

Broadcast Standard, Format, Number of Reels/parts, Timecode

ASSET MANAGEMENT:

AM Vendor, Picture Reference Barcode

TECHNICAL INFO:

Audio Channel Count, Run Time, Frame Count, Frame Rate, Height, Width, Start Time Code, Total Bitrate, Video Bitrate, proRes Profile, Video Codec

Upon upload, automated delivery notifications will be emailed to the pertinent groups or users. This will include the uploading user(s) at the lab doing the upload, Asset Management and GMS staff that will be downloading the file(s).