DCP – Digital Content Format

Content is to be in widescreen 1.85:1 format due to technical restrictions on changing to cinemascope format. It is preferred that images are not letter or pillar boxed. Content is to be supplied on USB flash drive.

PICTURE FORMAT:

- Colour space must be in a XYZ format
- Widescreen aspect ratio must be 1998 X 1080 [1.85:1]
- Picture frame rate must be 24 fps
- Picture element must be in sync with the sound elements

AUDIO FORMAT:

- Sound files Broadcast WAV format
- Audio to be 5.1 full surround audio configuration
- Sample rate 48KHZ and exactly 2000 audio samples per image, per image frame
- Sound elements must be in sync with the picture element
- The presentation level for sound must not exceed a loudness level of 82dB Leq

SOUND LEVEL RESTRICTIONS:

- We require a loudness level that does not exceed an average of 82dB on 35mm and JPEG 2000 sound elements.
- This standard is based on measurements by the Dolby LEQ Meter, which gives a numeric value to a loudness average over the length of a commercial. The sound level of 82dB is considered internationally to be the acceptable maximum level.

ELEMENTS SUPPLIED MUST INCLUDE:

- An ASSETMAP file. This file must list all files that are included in the DCP
- A CPL [composition playlist] data file (.XML)
- A JP2k picture file (.mxf)
- A PKL xml data file
- A VOLINDEX data file
- A wav audio file (.mxf)

COMPOSITION PLAYLISTS [CPLs] MUST COMPLY WITH THE DIGITAL CINEMA TITLE NAMING CONVENTION

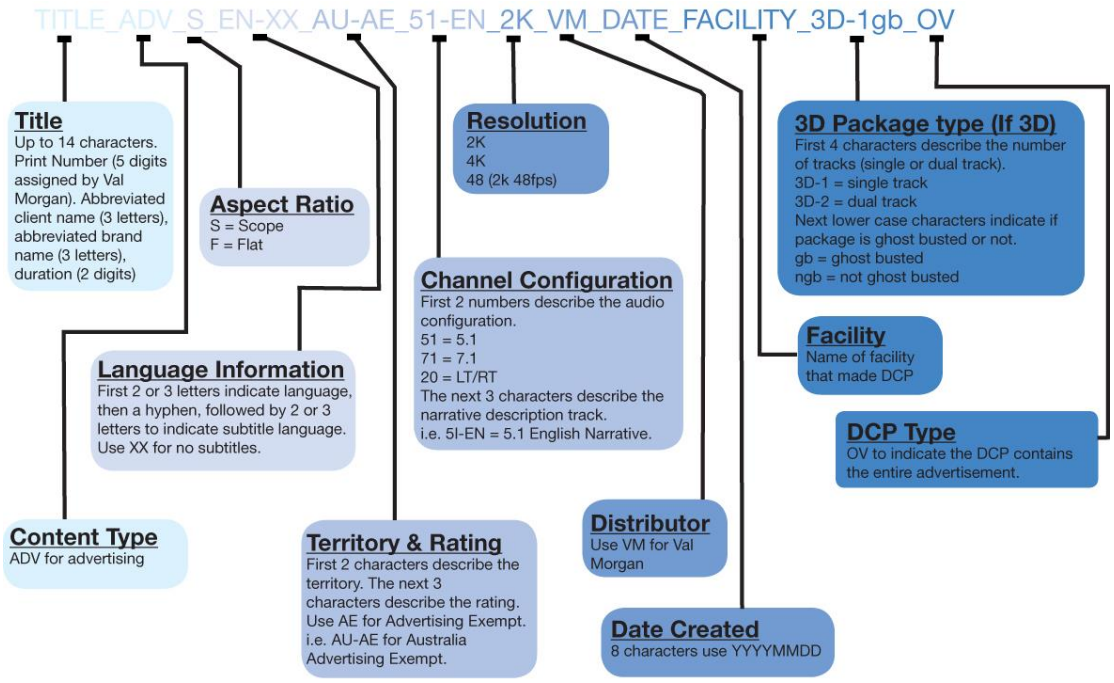
The below describes the naming convention for the Content Title Text and Annotation Text fields in a Composition Playlist (CPL) for all Digital Cinema Packages (DCP).

The most significant information about the DCP is contained in the first 40 characters of the CPL text fields, to accommodate certain digital cinema servers with limited user interface character displays. Additional information is included for servers that can display more than 40 characters.

The title name must appear in the Content Title Text field and it may appear in the Annotation Text field.

Underscores separate each field of information in the title name. Hyphens can be used to separate words or parts within a field. No blank spaces are to be used. Generally, upper case letters are used, with lower case letters used in specific instances as described below.

The structure of the title name is as follows:



FOR EXAMPLE:

11513FORDFST30_ADV_F_EN-XX_AU-AE_51-EN_2K_VM_20090601_DPM_OV

(ID no. 11513 client Ford product Fiesta length 30 seconds, Advertising, Flat, English audio with no subtitles, for Australia ad not rated, 5.1 Audio with English narrative track, 2K Resolution, distributed by Val Morgan, packaged on June 1 2009, at Digital Pictures Melbourne, original and entire version).