METADATA APPLICATION INFORMATION DEFINITIONS

Descriptive Metadata (Manual Entry)

Fields with an asterisk in the DPP Metadata App Forms are mandatory; inset fields in this list are dependent on selection of fields above

Series Title(required)
The final title of a group of Programmes with shared identification and branding linked by common characters, subject matter, style or story. This could be a series, serial or themed grouping. 'One-Off' programmes with a single title should enter it here as well as in 'Programme Title' below.

Programme Title(required)
The title of an individual ProgrammeVersion for a specific purpose.
Note: Must indicate the version where applicable – eg pre/post watershed.
Also note: Title may change between commission and final delivery.
Also note: 'One-Off' programmes with a single title should give it here as well as in 'Series Title' above.

Episode Title / Episode Number(required)
Final episode name and/or number used to identify an individual episode within a Series. Not used for version information.

Production Number(required)
A unique number or code used to identify an individual Programme Version. Also known as Programme Number, Clock Number or Material ID. This is typically assigned or defined by the Broadcaster to support file management processes.

Synopsis(required)
Descriptive summary of the content of no more than 127 characters.

Originator(required)
Company responsible for creating the programme. It may also be delivered by the Originator or by a different Distributor.

Copyright Year(required)
Year in which the production was completed.

Other Identifier
A unique code other than the Production Number that can be used to identify a piece of content, potentially assigned by the programme provider.

> **Other Identifier Type**
> Type of other identifier used, Eg: ISAN.
> *Note: This is required if **Other Identifier** is specified.*

Genre
The Genre to which the programme belongs. This may relate back to the Genre under which the programme was commissioned and therefore be defined by the Broadcaster.

Distributor
The name of the person or company/companies providing the content if not the production company.

Technical

Structural Metadata values generated automatically by the App from the MXF file are indicated by AUTO. All other values require manual entry as free text or drop-down list selection. Inset fields in this list are dependent on selection of fields above.

<ShimName />(required) **AUTO**
Note: Not shown in the interface but part of the XML.
The name of the AS-11 shim specification to which the associated MXF file conforms, here UK DPP HD Rev.v1.0 or SD Rev v1.0

Technical > Video

Picture Format(required) **AUTO**
The signal standard (frame resolution and aspect ratio) of the encoded file. This uses pre-defined codes derived from the MXF file.

Bit Rate(required) **AUTO**
The total video bit rate of the encoded file in bits per second. The only allowable values are '100000000' for HD and '50000000' for SD.

Codec(required) **AUTO**
The video codec employed for the creation of the file. The only allowable values are AVCI for HD and D10 for SD.

Video Codec Parameters(required) **AUTO**
The detailed codec profile and level information used to create the file.

Picture Ratio(required)
Indicates the aspect ratio of the active picture, not including any horizontal or vertical black bars for letterboxing or pillarboxing. A drop-down list of allowable values is given, as 4:3, 14:9, 15:9,16:9, 16.65:9, 21:1

> **AFD**(required)
> Active Format Description code, used to describe the intended display aspect ratio of the material. '9' indicates 4:3, '10' indicates shot and protected for 16:9 only, '14' indicates shot and protected for 14:9 (including Title and Caption Safe Area). These values are entered automatically, depending on the Picture Ratio value entered above.

3D(required)
In the interface, this combines **<ThreeD />** and **<ThreeDType />**, described below.
> **<ThreeD />**(required)
> **Note:** Not shown in the interface but part of the XML.
> Indicates if the material is 3D, and can only be true for HD. Yes/No

> **<ThreeDType />**
> **Note:** Not shown in the interface but part of the XML.
> Describes the type of 3D being delivered,. A drop-down list of allowable values is given as No, Side by Side, Dual, Left Eye Only and Right Eye Only.

Product Placement
This is to be set if the editorial content contains any product placement. Yes / No
Note: This has no relation to whether an embedded P logo is present within the post produced material or not.

FPA / FPA Pass(required)

Status of any flashing and pattern analyser test carried out on the material for Photo Sensitive Epilepsy. Drop-down options are Yes, No, Not Tested.

FPA Provider / Manufacturer
Product used to carry out the PSE testing.
Note: Harding FPA is currently required.
*Also note: This is required when the status of **FPA / FPA Pass** is Yes or No.*

FPA Version
Version of algorithm used to carry out the PSE analysis.
Note: Current requirement is Harding 3.0 for file deliveries.
*Also note: This is required when the status of **FPA / FPA Pass** is Yes or No.*

Video Comments

Comments illustrating the subjective quality and any known artefacts or defects within the video content, whether intentional (e.g. mimicking old content) or a fault detected during Quality Control or Review processes . All significant known issues must be noted here, or delays may be caused in subsequent processes.

Technical > Time Codes

Line Up Start(required) **AUTO**
Timecode for start of line up test signals.
Note: This must be 2 minutes before the start time of the first Part in this file, typically 09.58.00.00.

Ident Clock Start(required) **AUTO**
Timecode for start of the initial ident or countdown clock, either for the entire programme, or if hard parted, for each part in turn. Hard parting is where a programme is delivered as parts separated by black (and/or idents) within a file.
Note: This must be 30 seconds before the start time of the first Part in this file, typically 09.59.30.00.

Total Programme Parts(required)
This denotes the total number of parts in the entire Programme, not just this file, which may contain less than the total when the Programme is split across more than one file.
*Note: This is not to be confused with **<TotalNumberOfParts />**.*
*Also note: This interface field directly maps to **<PartTotal />**.*

Programme Duration(required)
Total duration of programme. For hard parted programmes, this is the total of all part durations excluding the black sections.
Note: This is not a Track duration.

<TotalNumberOfParts />(required) **AUTO**
Note: Not shown in the interface but part of the XML.
This denotes the total no. of hard parts contained within the file. Hard parting is where a programme is delivered as parts separated by black (and or idents) within a file.
*Note: This is not to be confused with **Total Programme Parts**.which may be greater*

First Part Number
Indicates the number of the first 'hard' part in this file e.g. 1 / 4 meaning 1 of 4 total [Not in main table]

Programme Parts(required)

The 'hard' parts contained within the file, listed in a table with three columns containing the **Part Number**, **<PartTotal />**, **Time Code (SOM)**, and **Duration** for each Part, described below.

> **Part Number**(required)
>
> Identifier for each hard part no. e.g. 2 / 4 meaning 2 of 4
> *Note: Not required for soft parted material.*
> *Also note: This should indicate the part number within the programme even if the programme is being delivered as more than one file. e.g one file might contain parts 3 - 6 only.*

> **<PartTotal />**(required)
> **Note:** Not shown in the interface but part of the XML.
> The total number of parts in the programme.
> *Note: Not required for soft parted material.*
> *Also note: These parts could be delivered in more than one file - also see **Total Programme Parts**, above.*
> *Also note: This xml property directly maps to **Total Programme Parts**.*

> **Time Code (SOM)**(required)
> Start of Media. Timecode for the first frame of the part in SMPTE timecode.

> **Duration**(required)
> Duration of the part as a SMPTE timecode.

Technical > Audio

Sampling Frequency(required) **AUTO**

The sampling frequency used in kHz, which must be 48000.
Note: This must be the same for all audio tracks.

Bit Depth(required) **AUTO**

No. of quantisation bits in the audio signal, which must be 24.
Note: This must be the same for all audio tracks.

Codec Parameters(required) **AUTO**

The audio codec employed for the creation of the file, which must be 'PCM' for HD and 'AES' for SD.

Track Layout(required)

Code indicating the audio track layout, as per the following table. A drop-down list of allowable values is given.
HD files must have 4 or 16 tracks, SD must have 4.
Unused tracks must contain digital silence.
Note: Including valid silence is required.
*Also note: This selection directly affects **Audio Description, Secondary Language,** and **Tertiary Language** DPP has defined 2 options for EBU R123:16A: Option 1 contains M&E and Option 2 contains Audio Description. If the latter is selected the AD field will become active..*

			5.1 M&E Rs	5.1 M&E Rs	Other	Other
			5.1 M&E Ls	5.1 M&E Ls	Other	Other
			5.1 M&E LFE	5.1 M&E LFE	5.1 Lang 2 Rs	Other
			5.1 M&E C	5.1 M&E C	5.1 Lang 2 Ls	Other
			5.1 M&E R	5.1 M&E R	5.1 Lang 2 LFE	Not Used
			5.1 M&E L	5.1 M&E L	5.1 Lang 2 C	Not Used
			St. M&E R	St. Aud Desc R	5.1 Lang 2 R	St. Lang 3 R
			St. M&E L	St. Aud Desc L	5.1 Lang 2 L	St. Lang 3 L
			5.1 Final Mix Rs	5.1 R Sur Mix	Other	Not Used
			5.1 Final Mix Ls	5.1 L Sur Mix	Other	Not Used
			5.1 Final Mix LFE	5.1 LFE Mix	5.1 Lang 1 Rs	St. Lang 2 R
			5.1 Final Mix C	5.1 C Mix	5.1 Lang 1 Ls	St. Lang 2 L
Silence	St. M&E R	St. Aud Desc R	5.1 Final Mix R	5.1 R Mix	5.1 Lang 1 LFE	Not Used
Silence	St. M&E L	St. Aud Desc L	5.1 Final Mix L	5.1 L Mix	5.1 Lang 1 C	Not Used
St. Final Mix R	St. Final Mix R	St. Final Mix R	St. Final Mix R	St. R Mix	5.1 Lang 1 R	St. Lang 1 R

Audio Description
In the interface, this combines **<AudioDescriptionPresent />** and**<AudioDescriptionType />**, described below.
*Note: **Track Layout** selection affects whether or not this is required.*

<AudioDescriptionPresent />(required)
Note: Not shown in the interface but part of the XML.
Indicates whether the delivered programme contains any audio description for the visually impaired. If this value is 'Yes' then the Audio Description Type below must be completed.

<AudioDescriptionType />
Note: Not shown in the interface but part of the XML.
Indicates the format of the audio description employed within the delivered programme. Allowable values are 'Control Track/Narration' and 'AD Mix' only. Drop-down options are given.
*Note: This is required if **<AudioDescriptionPresent />** is true.*

Loudness Standard(required)
Details of any compliant audio standard used to constrain the dynamic range of the stereo audio tracks during programme production. Drop-down options are EBU 128 or None

Primary Language(required)
Primary language used in the main sound track of the programme.
Note: Use ISO 639.2 values, three letter codes e.g. English = eng, French = fre. A drop-down list of examples is given.

Secondary Language
Secondary language used in the main sound track of the programme.
Note: Use ISO 639.2 values. Use "zxx" if not present.
*Also note: **Track Layout** selection affects whether or not this is required.*

Tertiary Language
Third language used in the main sound track of the programme.
Note: Use ISO 639.2 values. Use "zxx" if not present.
*Also note: **Track Layout** selection affects whether or not this is required.*

Audio Comments
Comments illustrating the subjective quality and any known artefacts or defects within the audio content. whether intentional (e.g. mimicking old content) or a fault detected during Quality Control or Review processes. All significant known issues must be noted here, or delays may be caused in subsequent processes.

Technical > Access Services

Signing / Signing Present(required)
Indicates whether the delivered programme contains any in vision signing for the hard of hearing. Values are Yes, No, Signer Only.

Sign Language
This describes the type of sign language used within the programme. E.g. BSL, ASL, Makaton.
*Note: This is required if **Signing / Signing Present** is set to Yes or Signer Only.*

Open Captions(required)
In the interface, this combines **<OpenCaptionsPresent />** and**<OpenCaptionsType />**, described below.

<OpenCaptionsPresent />(required)
Note: Not shown in the interface but part of the XML.
Indicates whether the delivered programme contains any in vision subtitles. Yes/No
Note: This does not include naming or place captions etc.

<OpenCaptionsType />
Note: Not shown in the interface but part of the XML.
This is the editorial description of the in vision subtitling employed within the delivered programme in terms of its purpose. E.g. for the hard of hearing, language translation, unclear speech. Current values are Hard of Hearing, or Translation.
*Note: This is required if **<OpenCaptionsPresent />** is true.*

Open Captions Language
Indicates the primary language of the in vision subtitles.
Note: Use ISO 639.2 values. Use "zxx" if not present.
*Also note: This is required if **Open Captions** is set to Hard of Hearing or Translation. A drop-down list of allowable values becomes active if the appropriate Open Captions Type is selected.*

<ClosedCaptionsPresent />(required) **AUTO**
Note: Not shown in the interface but part of the XML.
Indicates whether the delivered programme contains any embedded (out of vision) subtitling information for the hard of hearing.
Note: The DPP standard requires that this property be false, as Closed Captions are not permitted.

<ClosedCaptionsType />
Note: Not shown in the interface but part of the XML.
This is the editorial description of the out of vision subtitling employed within the delivered programme.
Note: The DPP standard requires that this be excluded from the XML.

<ClosedCaptionsLanguage />
Note: Not shown in the interface but part of the XML.
Indicates the primary language of the embedded subtitle data, if present.
Note: The DPP standard requires that this be excluded from the XML.

Technical > Additional

Textless Elements(required)
Indicates whether the delivered file includes any textless elements after the end of the programme as Yes/No. These are typically clean backgrounds intended for credits.

Programme Text(required)
Indicates whether the main programme has any text or is completely 'clean'. Text includes credits or chest captions for example. Value is Yes/No.

Programme Text Language
Primary text language used in the programme.
Note: Use ISO 639.2 values. Use "zxx" if not present.
*Also note: This is required if **Programme Text** is set to Yes.*

Please note that the requirements for the xml file will be removed in the next version of the metadata application, version 1.2, in line with future changes to the DPP AS-11 and Broadcaster delivery specifications. This means that the following 3 fields will then not be relevant.

<AssociatedMediaFilename />(required) **AUTO**
Note: Not shown in the interface but part of the XML.
To be included in XML file only. This is the filename of the principal MXF file delivered, to which the metadata in the XML relates.
Note: This will be generated automatically by the DPP 'File Wrapper' tool.

<MediaChecksumType />(required) **AUTO**
Note: Not shown in the interface but part of the XML.
To be included in XML file only. This is the type of the code used to ensure that the principal MXF file delivered is not altered or corrupted. [MD5?]
Note: This will be generated automatically by the DPP 'File Wrapper' tool.

<Media Checksum Value />(required) **AUTO**
Note: Not shown in the interface but part of the XML.
To be included in XML file only. This is the code used to ensure that the principal MXF file delivered is not altered or corrupted.
Note: This will be generated automatically by the DPP 'File Wrapper' tool.

Technical > Contact Information

Completion Date(required)
Date of completion of the edit prior to delivery of the final programme.
Note: This is a date only field.

Contact Email(required)
The email address of the programme provider's SPOC (Single Point Of Contact) for the use of the recipient regarding any delivery or technical issues encountered with the delivered file.

Contact Telephone No.(required)
The direct telephone number of the programme provider's SPOC (Single Point Of Contact) for the use of the recipient regarding any delivery or technical issues encountered with the delivered file.

DOCUMENT VERSION CONTROL NOTES

DATE	VERSION #	NOTES	AUTHOR	APPROVER
15/04/2013	1.0	'Metadata Application User Guide' first published on the DPP website	Carol Owens	Kevin Burrows
01/05/2014	1.0	Altered 'synopsis' description		