

B B C Archives

Securing the past for the future



17

Information & Archives

Film Cans

PLB12732
to
PLB13644



18

Information & Archives

Film Cans

PLB13645
to
PLB14546





JOHN COUGHAN MEETSCAMP/ THE CONCRETE JUBILEE

IN SEARCH OF THE LOST CHORD

THE MOODY BLUES

ERIC CLAPTON
THE BEST AND FALL OF ZIGGY STARDUST AND THE SPIDERS FROM MARS

JOHN McLAUGHLIN WITH THE ONE TRUTH BAND
R/ COOPER
THE BEACH BOYS' SURF'S UP

BLOWN AWAY
ELECTRIC DREAMS
1968-1969 and other

CBS
THE BEACH BOYS' SURF'S UP

MAHAVIRINDI ORCHESTRA & BRIGGS
THE SHADOWS' GREATEST HITS

DANIEL LANOIS ACADIE

Martinez's Mother, Like on the wire

CREATION

HERE'S SOME EVERYBODY CROWD

KILP 1001

Gracie's Gash / After the Carnival

FLY LIKE AN EAGLE

FOUR TOPS REAR GUIT
STEVE MILLER BAND

\$6931 (QWS 3591)

SLOW TURNING

7

PATTI AUSTIN/ EVERY HOME SHOULD HAVE ONE
MACHINE HEAD - Deep Purple
FRANCIS ALBERT SINATRA & ANTONIO CARLOS JOBIM / ES-1021
The mamas And The P
LATAVA STARKS' GREATEST HITS

7

STEPHEN BISHOP CARELESS

CHICK CORIA - THREE CORNETS
GET IT RIGHT

SIMON AND GARFUNKEL BRIDGE OVER TRO
ARETHA FRANKLIN

MICHAEL FRANKS/ THE ART OF TEA
AC/DC • POWERAGE
ROBERTA FLACK

FIRST TAKE

STEELY DAN • AJA

THE WARNER BROS. MUSIC SHOW
RANNEY CRAWFORD, SECRET CONSPIRACY

ROBERT PALMER

PRESSURE DROP

CAROLE KING TAPESTRY

Quincy Jones

The Front Line

AMLK 6372 L

Country of Manufacture as Stated on Record Label

BIG HITS (HIGH TIDE AND GREEN GRASS)

HEAVENLY WIDELOWER - AN EXPERIMENTATION OF NICK DRAKE
THE ROLLING STONES

VENTURO ■ THE SENSATIONAL ALEX HARVEY BAND ■ LIVE

THE DOORS/ WEIRD SCENES

O'YANNELLI/NIGHTWALKER

TUMBLEWEED CONNECTION

THE FREE STORY

L-35853

RASTAMAN VIBRA

BOSTON

CLOSE TO THE EDGE YES

GONG

GNOME 2 ANGELS EGG

TRILLOGY

PARSONS, LAKE & PALMER

FRAGILE

YES

THE YES ALBUM









BBC WEB ARCHIVE

bbc.co.uk



FROM

dd/mm/yyyy



00:00



TO

dd/mm/yyyy



00:00

<http://www.bbc.co.uk/> (49 captures)<http://bbc.co.uk/> (12 captures)http://bbc.co.uk (1 captures)<http://www.bbc.co.uk> (2 captures)

BBC TWITTER ARCHIVE

WELCOME TO THE BBC TWITTER ARCHIVE

Welcome to the BBC Twitter Archive. This tool captures tweets (including retweets and replies) & images from selected BBC Twitter accounts. It For more information see our [FAQ page](#).....

Search the BBC Twitter Archive



Twitter Accounts

SHOW RETWEETS



SHOW REPLIES



SHOW PHOTOS



FROM

dd/mm/yyyy



TO

dd/mm/yyyy

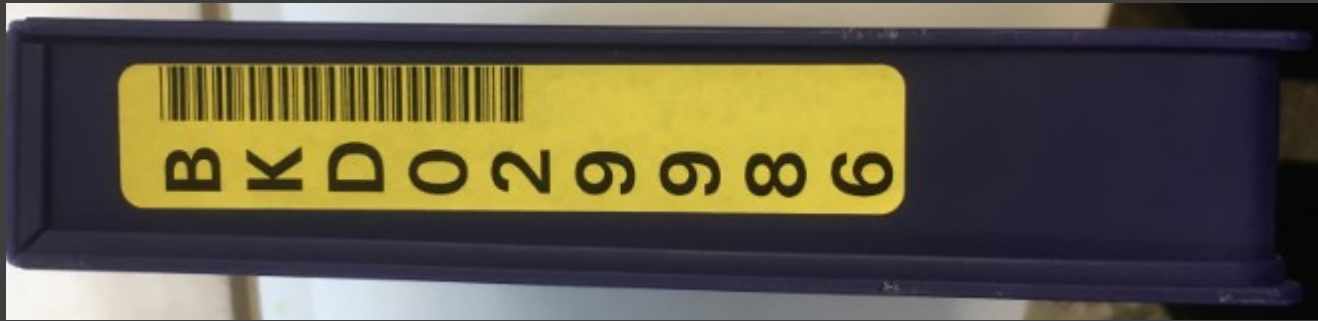




B B C Archives

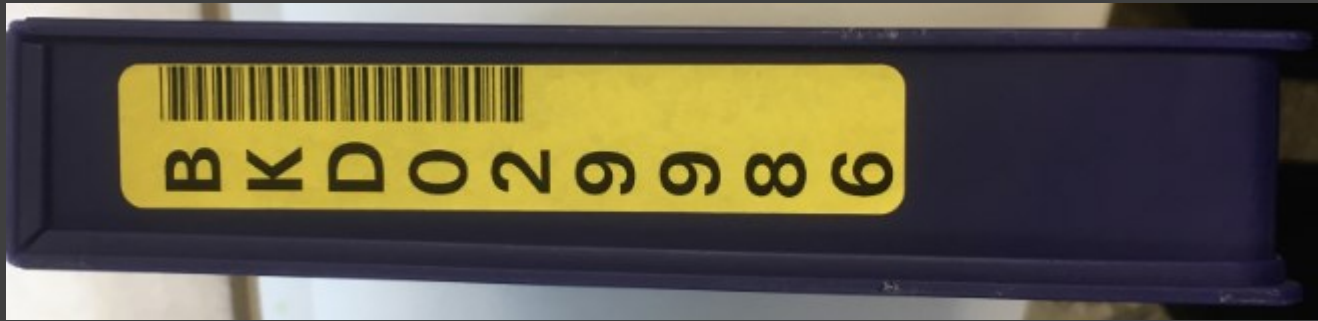
Securing the past for the future

1: FILENAMES



BKD029986.mxf

1: FILENAMES

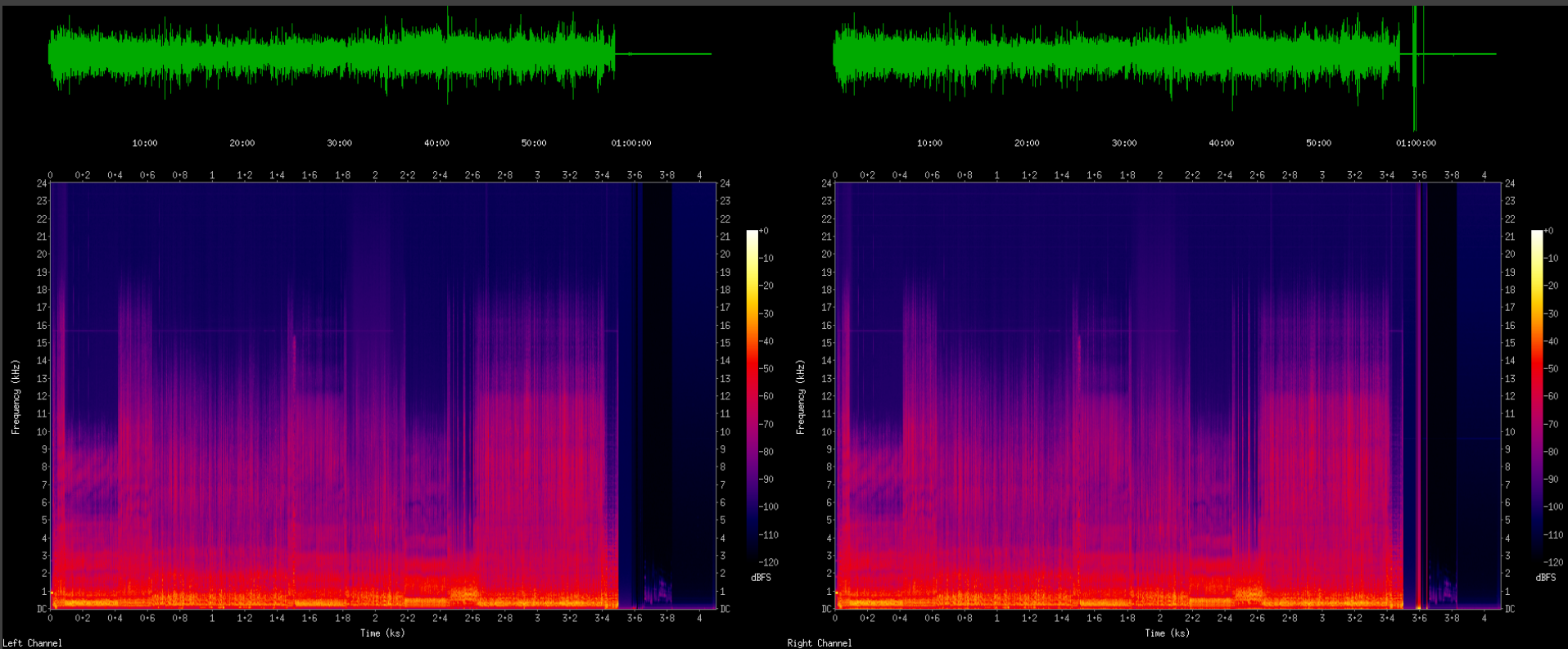


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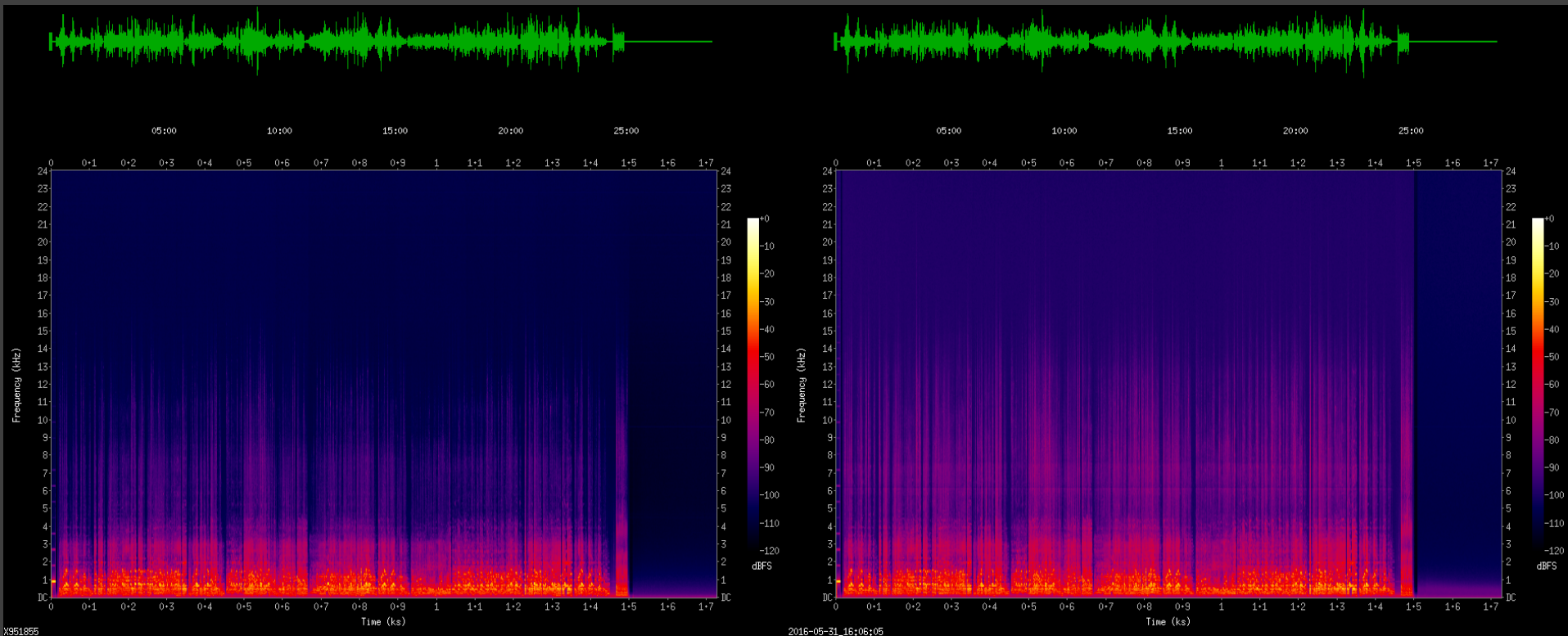
2: MODULARITY



3: SOX : FFT

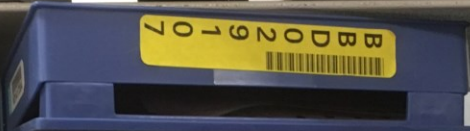


3: SOX : FFT



4: BARCODES





DELETE

CANCEL

RECORD 1

STOP 1



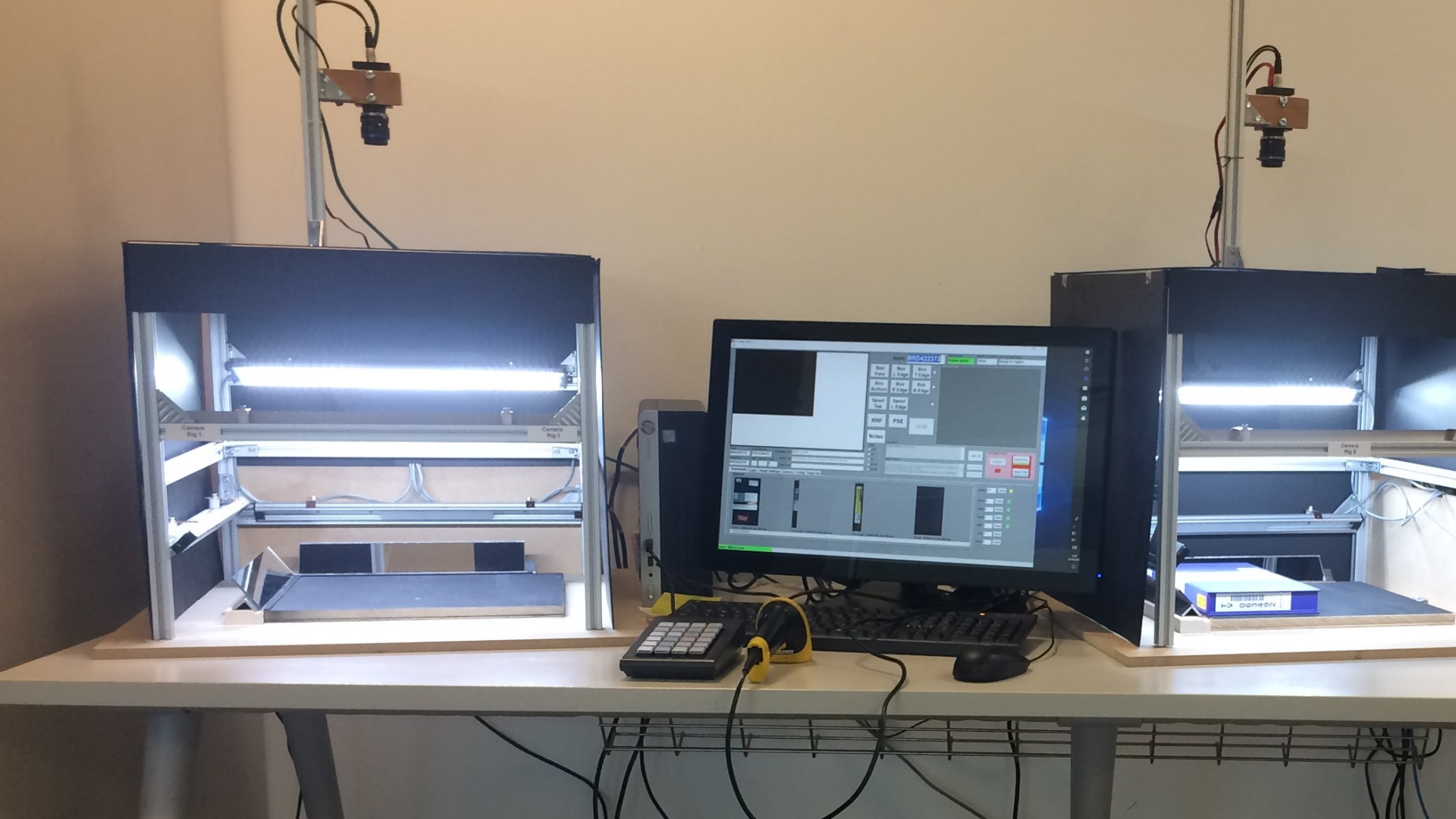
COMMENT 1

COMPLETE 1



Dowling Design

5: PHYSICAL SCANNING



BRD42237

Start	Stop
Back	Next
Home	End
Left	Right
Up	Down
Speed	Normal
Stop	Pause
Notes	

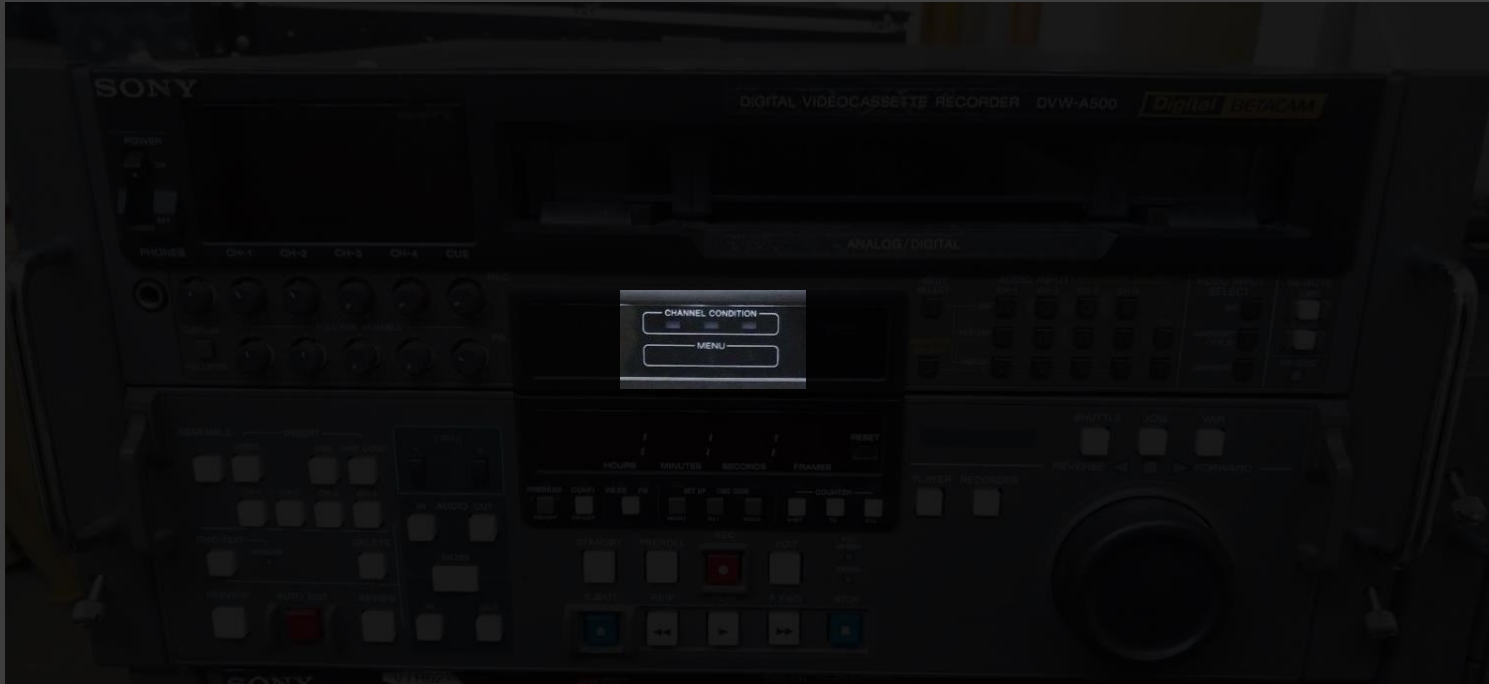
100-000000
-> camera



6: VTR HEAD ERRORS



6: VTR HEAD ERRORS



6: VTR HEAD ERRORS

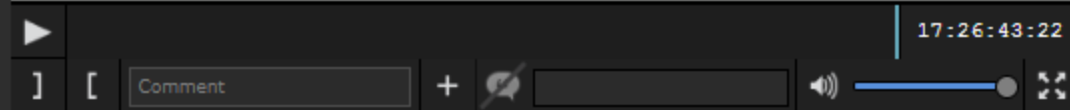
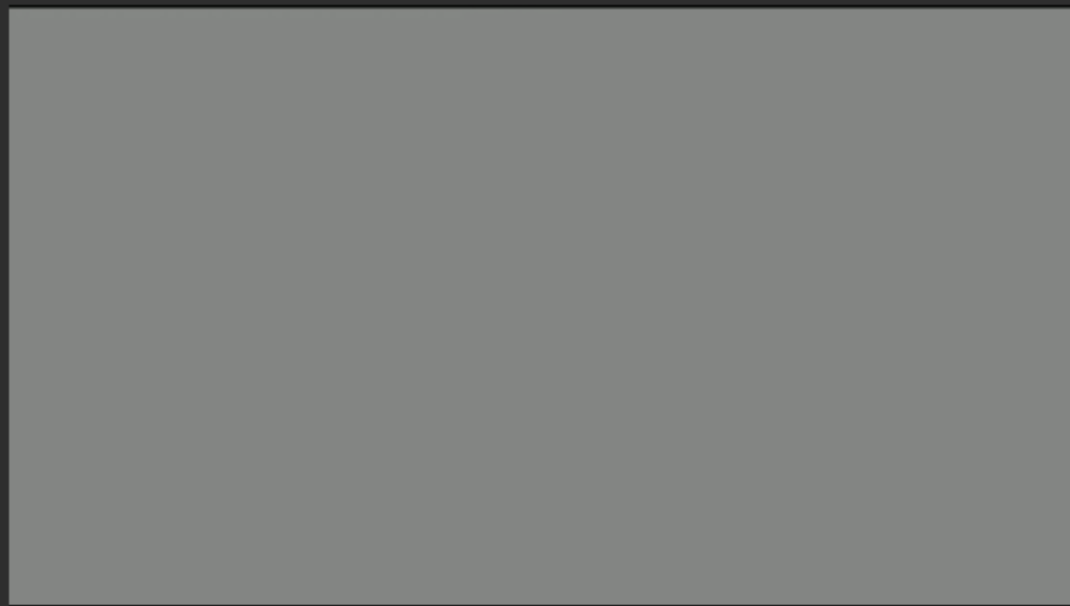


6: VTR HEAD ERRORS



7: FILE TRIMMING

↑BLUE PETER



Overview

Series Title	BLUE PETER
Programme Title	BLUE PETER
Episode Title	BLUE PETER
UID	LCQC773W/70
First TX Date	19 Sep 2006 18:32:00
File Format	MXF OP1A / IMX PAL 16:9
Audio	AES-3 24-bit 48 kHz
Content Type	Programme Version
Duration	00:30:37:05

8: LONG TERM



8: LONG TERM

Approach

The digitisation of selected videotapes will be carried out at BBC Archives' Odyssey Park facility in South Ruislip using workflow systems built in-house by BBC Archives. These use Telestream Lightspeed units to create the uncompressed master files, and FFMB3 to create IMX50 files from these, which are then re-wrapped to AS11 DPP files using bmxtranswap.

BBC Archives have committed to a 'touch once' approach to the digitisation of these assets. This means each videotape digitisation should produce:

- A preservation quality digital copy of the videotape as Uncompressed 10-bit YUV 720x576 (v210) Quicktime (MOV) file with four 48kHz 24-bit uncompressed audio tracks. These uncompressed files are only stored on these LTO tapes.
- A broadcast quality digital copy of the videotape as an AS11 DPP MXF (720x608 IMX/D10 50Mbps with four channel 48kHz 24-bit audio) which will be imported to the BBC's Digital Archive (VizRT's Viz One MAM) resulting in these files being stored to a 2+1 storage level.
- Accompanying digital images of the physical asset, its packaging and any related VTR documentation that was enclosed within.

Clipping

The AS11 DPP MXF file will be clipped where possible to remove trailing black (or grey) and silence (with a 15 second handle) in order to minimise wastage of storage space in the BBC Digital Archive.

for the given track. This checksum was produced by mxf2raw during extraction of the MXF file from LTO tape. The values of these checksums are not stored inside the MXF file.

This XML document was produced by analysing `D__37150401-LTA00089207.mxf.full_mxf_analysis.xml` .

`D__37150401-LTA00089207.mxf.full_mxf_analysis.xml`

This XML file contains the full details produced by using mxf2raw to analyse the MXF file. Also refer to the summarised version of this XML file and its explanation.

`D__37150401-LTA00089207.mxf.md5`

This file contains the MD5 checksum for the entire MXF file. This checksum was produced by mxf2raw during extraction of the MXF file from LTO tape. This means that it was produced by the same process that was also fully reading (and partially verifying) the MXF file. This checksum also appears in the XML files included in this collection.

`D__37150401-LTA00089207.mxf.sha1`

This file contains the SHA-1 checksum for the entire MXF file. This checksum was produced during the extraction of the MXF file

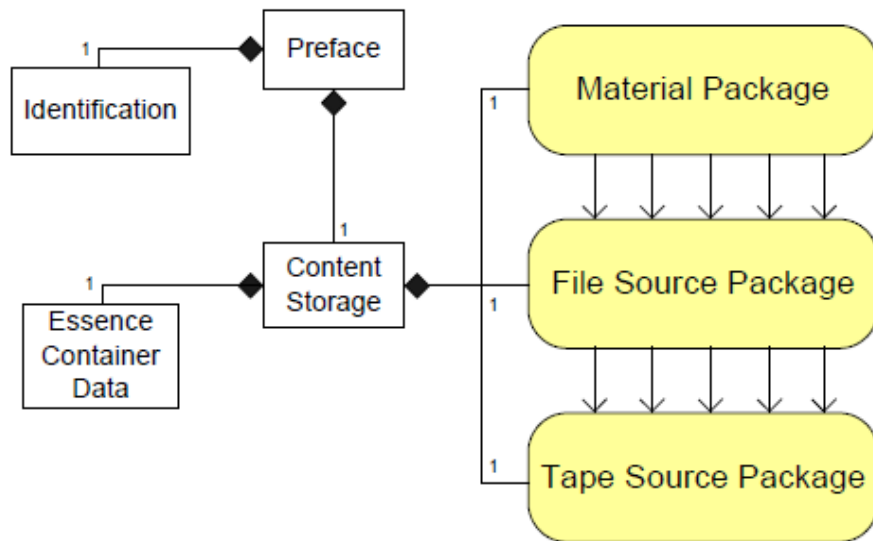


Figure 5 Preface and content storage packages

The Preface set contains two BBC extension items, D3P D3 Error Count and D3P PSE Failure Count, defined in Table 1. These count values are useful when reading a file from an LTO tape because the series of D3 VTR replay errors and PSE analysis failures are recorded in the footer section and are only available once the whole file has been transferred from the tape.

Name	Meaning	Type	UL
D3P D3 Error Count	Total number of D3 VTR replay errors	UInt32	06.0e.2b.34.01.01.01.01.0d.04.01.01.40.01.01.00
D3P PSE Failure Count	Total number of PSE analysis failures	UInt32	06.0e.2b.34.01.01.01.01.0d.04.01.01.40.01.02.00



Research & Development

White Paper

WHP 241

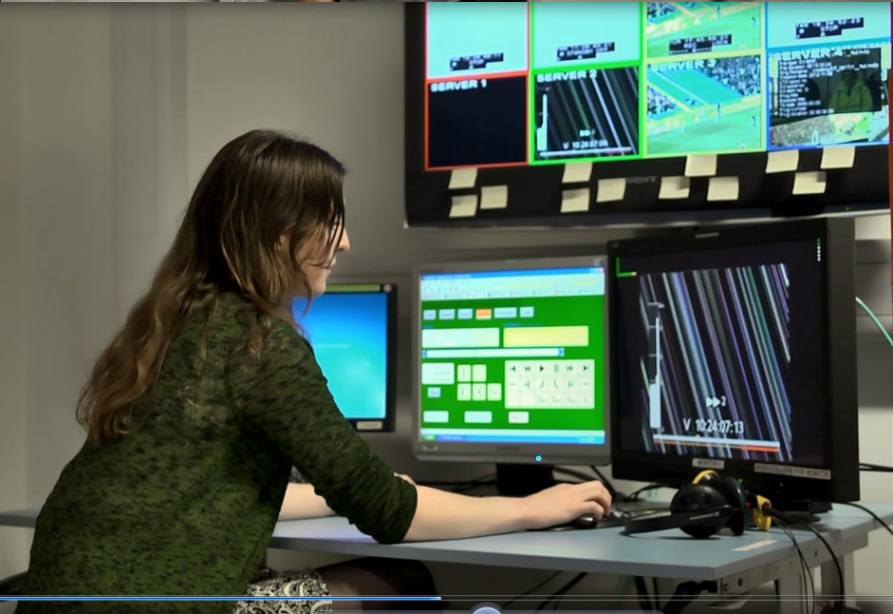
April 2013

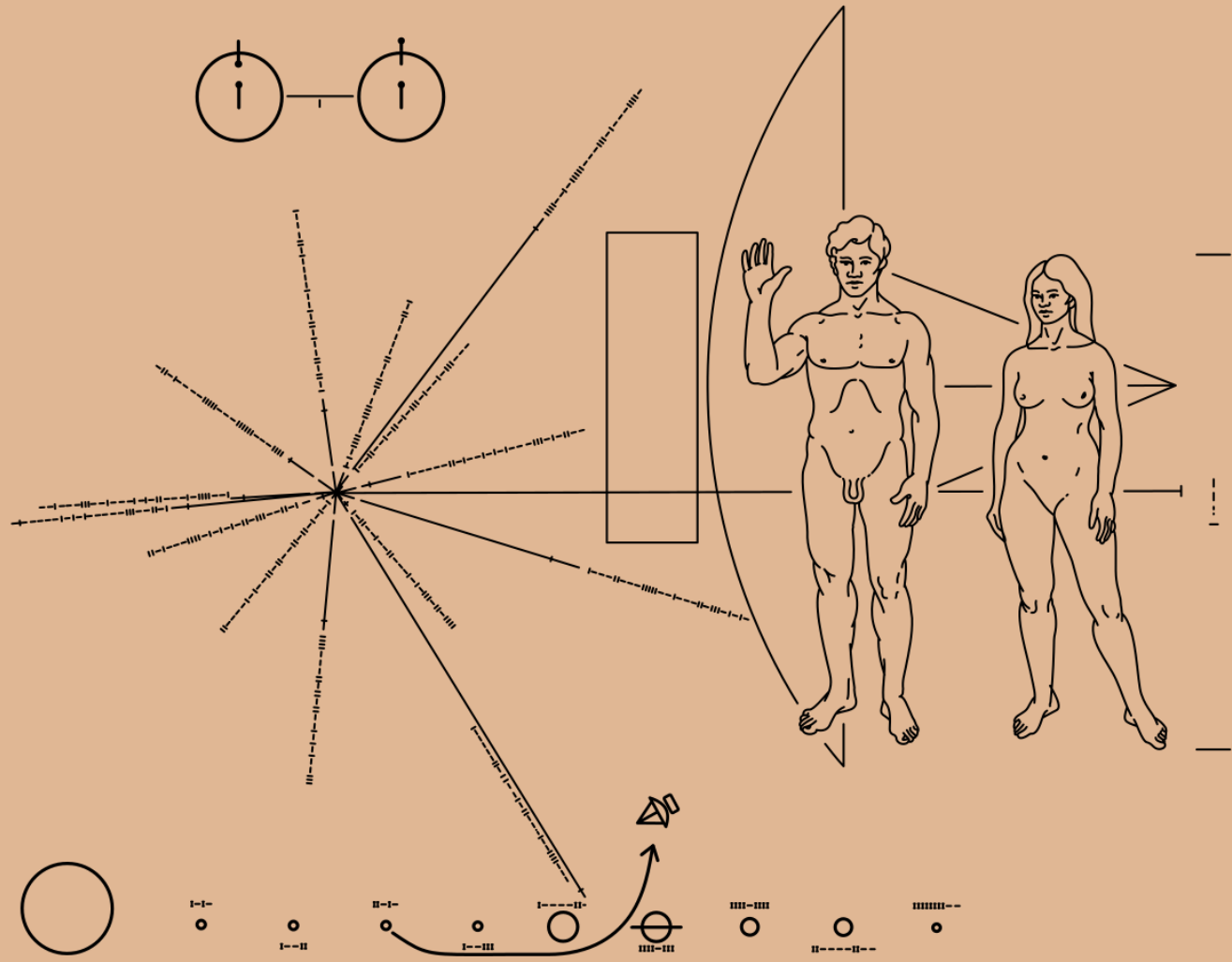
A Guide to Understanding BBC Archive MXF Files

M. Glanville *and* T. Heritage

```
645 = {
646     const MXFMCALabelIndex *mca_label_index = reader->GetMCALabelIndex();
647     map<uint32_t, vector<AudioChannelLabelSubDescriptor*> > c_labels;
648     map<UUID, SoundfieldGroupLabelSubDescriptor*> sg_labels;
649     map<UUID, GroupOfSoundfieldGroupsLabelSubDescriptor*> gosg_labels;
650     size_t i;
651 = for (i = 0; i < sound_info->mca_labels.size(); i++) {
652     AudioChannelLabelSubDescriptor *c_label = sound_info->mca_labels[i];
653     BMX_CHECK(c_label->haveMCACHannelID());
654     c_labels[c_label->getMCACHannelID()].push_back(c_label);
655
656 =     if (c_label->haveSoundfieldGroupLinkID()) {
657         UUID link_id = c_label->getSoundfieldGroupLinkID();
658         MCALabelSubDescriptor *label = mca_label_index->FindLabel(link_id);
659         SoundfieldGroupLabelSubDescriptor *sg_label = dynamic_cast<SoundfieldGroupLabelSubDescriptor*>
660         BMX_CHECK(sg_label);
661         sg_labels[link_id] = sg_label;
662
663 =         if (sg_label->haveGroupOfSoundfieldGroupsLinkID()) {
664             vector<UUID> link_ids = sg_label->getGroupOfSoundfieldGroupsLinkID();
665             size_t k;
666 =             for (k = 0; k < link_ids.size(); k++) {
667                 UUID &link_id = link_ids[k];
668                 MCALabelSubDescriptor *label = mca_label_index->FindLabel(link_id);
669                 GroupOfSoundfieldGroupsLabelSubDescriptor *gosg_label = dynamic_cast<GroupOfSoundfield
670                 BMX_CHECK(gosg_label);
671                 gosg_labels[link_id] = gosg_label;
672             }
673         }
674     }
675 }
```

capenumber	bbc.firsttxdate	bbc.firsttxservice	asset.materialtype	asset.siteidentif	bbc.programnumber	bbc.episodetitle
001	31/01/1995 00:00	BBC Two	prov	LLCF545T/71	LLCF545T/71	JIM TAVARE PICTU
000	04/03/1992 00:00	BBC One	prov	LTFC143S/72	LTFC143S/72	PRIMETIME
005	16/10/1993 00:00	BBC One	prov	LMAA855A/71	LMAA855A/71	DANNY BAKER AFT
001	29/10/1994 00:00	BBC Two	prov	LMBB717L/72	LMBB717L/72	THE LAST WORD
003	08/11/1993 00:00	BBC Two	prov	LMAV793T/01	LMAV793T/01	INSIDE VICTOR LE
002	30/12/1992 00:00	BBC Two	prov	LMAV740F/71	LMAV740F/71	TALKING REMBRAN
004	06/04/1994 00:00	BBC Two	prov	LMAA192X/71	LMAA192X/71	YOUNG MUSICIAN C
006	07/02/1984 00:00	BBC One	prov	LCHD311F/01	LCHD311F/01	GRANGE HILL:11
028	24/11/1978 00:00	BBC One	prov	LCHK040A/71	LCHK040A/71	JACKANORY:THE DR
030	25/01/1982 00:00	BBC One	prov	LCHJ144Y/71	LCHJ144Y/71	PLAYHOUSE:THE BU
082	07/01/1980 00:00	BBC One	prov	LCHJ043D/71	LCHJ043D/71	PLAYHOUSE:THE SJ
086	30/08/1981 00:00	BBC One	prov	LCHC127E/71	LCHC127E/71	SWAP SHOP'S SUMM
061	18/01/1982 00:00	BBC One	prov	LCHJ142K/72	LCHJ142K/72	PLAYHOUSE:THE UN
051	12/04/1985 00:00	BBC One	prov	LCHE501X/72	LCHE501X/72	WHIZZ:IN THE SHI
006	20/07/1983 00:00	BBC One Scotland	prov	LCHB093K/71	LCHB093K/71	BLUE PETER GOES
056	20/01/1982 00:00	BBC One	prov	LCHD235N/71	LCHD235N/71	THE STORY OF THE
012	06/04/1980 00:00	BBC One	prov	LCHC121P/71	LCHC121P/71	MULTI-COLOURED S
025	05/01/1983 00:00	BBC One	prov	LCHD045B/71	LCHD045B/71	CAPTAIN ZEP:SPAC
004	17/01/1979 00:00	BBC One	prov	LCHD003Y/71	LCHD003Y/71	THE STRANGE AFFA
054	30/05/1983 00:00	BBC One	prov	LCHC130L/71	LCHC130L/71	MIKE READ'S REPI
056	02/05/1983 00:00	BBC One	prov	LCHC129S/71	LCHC129S/71	MIKE READ'S REPI
036	08/04/1974 00:00	Unknown	prov	LCH2567S/01	LCH2567S/01	PLAY SCHOOL
029	05/06/1972 00:00	BBC One	prov	LCH2525P/01	LCH2525P/01	PLAY SCHOOL
012	25/05/1972 00:00	Unknown	prov	LCH9228Y/01	LCH9228Y/01	BLUE PETER
008	14/02/1974 00:00	Unknown	prov	LCH9339K/01	LCH9339K/01	BLUE PETER



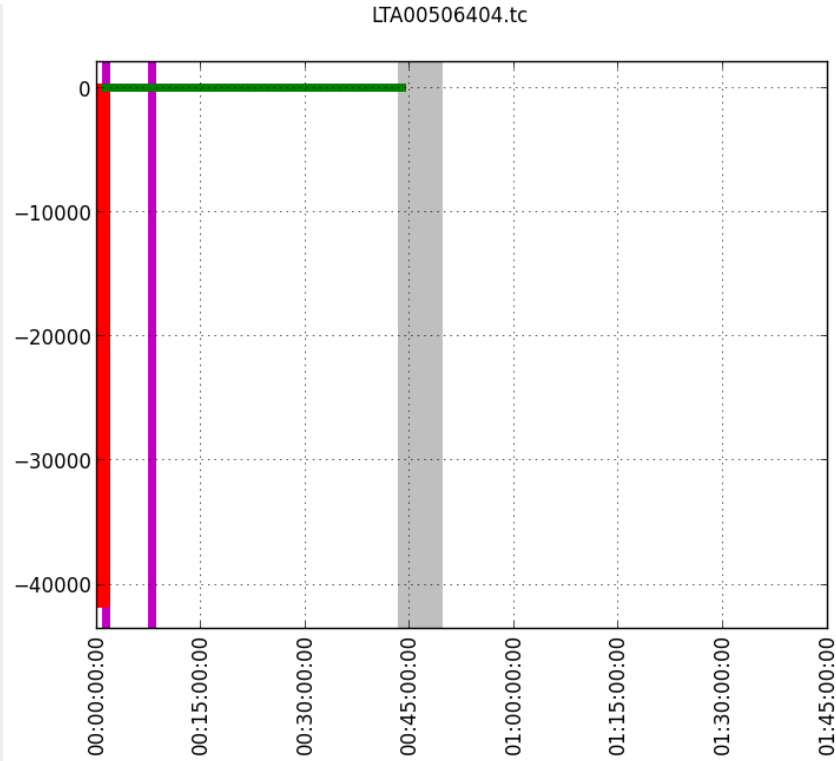


BBC Archives

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steve.daly@bbc.co.uk

A: TIMECODE

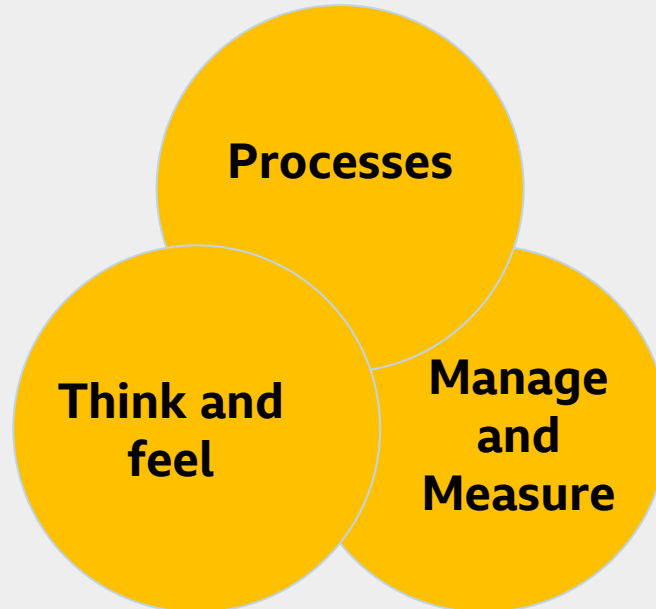


B: FILE FORMATS

Preservation: V210 Uncompressed
Quicktime

Access: AS11 DPP MXF

C: FACTORY - LEAN





NOT
INDICATING
SPEAKER
SIGNAL

D: OPEN SOURCE TOOLS

ffmpeg / ffmbc

bmplib (bmxtranswrap & mxf2raw)

mediainfo

sox

python

postgresql / mysql