ALVT Workflows & Benefits - A Case Study from FSU Libraries

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Benefits of Membership

- Sustained access to collections against “degralesence”
  - IASA estimates late 2020s, early 2030s as point of no return for some AV collections (IASA Report, 2003)
- Trusted, robust storage environment
- Replacement of certain VHS titles w/o purchase or digitization
- Supporting wider scholarly community
- Reclaiming shelf-space
How are we handling VHS materials at FSU?
## Determining Section 108 Compliance

<table>
<thead>
<tr>
<th>Display Title</th>
<th>Call #</th>
<th>Loans</th>
<th>Record in A1VT?</th>
<th>In Library Database?</th>
<th>Worldcat Permalink</th>
<th>Worldcat Records</th>
<th>streaming from producer website?</th>
<th>Amazon?</th>
<th>Complied?</th>
<th>Date of Search</th>
<th>Notes</th>
<th>Date of Digitisation</th>
<th>Record created in A1VT</th>
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</thead>
<tbody>
<tr>
<td>The Dig [videorecording] / National Film Board of Canada.</td>
<td>8809.2_D54 199</td>
<td>41</td>
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<td>N</td>
<td><a href="http://www.worldcat.org/oclc/32672450">http://www.worldcat.org/oclc/32672450</a></td>
<td>2 - VHS and DVD</td>
<td>N</td>
<td>N</td>
<td>12 April 2019</td>
<td>20 Nov 2019</td>
<td>DVD available for $197</td>
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<td>36</td>
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<td>N</td>
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<td>11 - DVD + VHS</td>
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<td>N</td>
<td>23 April 2019</td>
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Determining Section 108 Compliance

Title Replacement Search Workflow

This document is intended to provide a workflow and guidance for subject librarians or other Library staff seeking replacements for VHS titles. Following these steps will help ensure that due diligence is performed in determining if non-obsolete replacement options (i.e. DVD, Blu-Ray, streaming) are available for titles in the collection and that this process is documented. This information is necessary to be in compliance with Section 108 of the Copyright Act.

Link to the VHS Spreadsheet

1. Begin with a VHS title -- check this title in the Library catalog to ensure it is a commercially produced, VHS cassette tape.
   a. Tip: Easiest way to do this is to copy & paste the Call # from the spreadsheet and paste into the catalog search!
2. Search title against the ALVT Database.
   a. If FOUND, note in Spreadsheet and provide URL to ALVT record--record Date of Search and move on to Step 3
   b. If NOT FOUND, indicate and N in the ALVT column proceed to Step 3
3. Search the title in Worldcat and record permalink in Spreadsheet
   a. Generate permalink by clicking “Permalink” icon in upper right of record screen (next to “Print,” “Email,” “Share,” etc). Make sure you’re generating a permalink for the VHS edition of the work.
   b. Explore the Worldcat record to see if any other institutions hold DVD, eVideo, or other non-obsolete editions of the title. If applicable, use this information to guide your search.
   i. Note: Sometimes DVDs listed in Worldcat will be locally-made, burned DVDs or DVD-Rs. These do not necessarily indicate that the title is available for acquisition on DVD.
4. Confirm title is not available in any databases Library subscribes or can request access
Digitization

Reference Monitor (composite image only)

Panasonic AG 1980

Black Magic Intensity Shuttle

Seagate 4TB External Hard Drive

Thunderbolt

MacBook Pro (Mid 2012)
2.9 GHz Intel Core i7
High Sierra 10.13.6
8 GB Ram
vrecord capture software
(see below)

Mackie 1202 Audio Mixer

S-Video

Attenuated L/R Stereo

L/R Stereo
Equipment List & Approximate Costs

Video Playback/Capture Hardware:
- Panasonic AG-1980 SVHS Deck - $649 (Porter Electronics)
- Black Magic Intensity Shuttle (Thunderbolt) - $239 (B&H)
  - Thunderbolt 2 cable - $29 (B&H)

Computing/Storage:
- 2012ish MacBook Pro - $529 (Amazon)
- Seagate 4TB Hard Drive - $89 (Amazon)

Other AV equipment:
- Mackie 1202 Mixer - $129 (Sweetwater)
- 24” monitor w/ composite input - ~ $100
- RCA, S-Video cables - ~ $25

Total approximate cost: $1,769
Video Capture and File Management

- Capture via `vrecord`, free, open-source video capture software designed by archivists, for archivists
- File transcoding, normalization, and other tasks managed through `FFmpeg`, an open-source CLI tool

```bash
for file in *.mov; do
    ffmpeg -i "$file" -c:v libx264 -pix_fmt yuv420p -c:a aac -vf yadif /"Volumes/Seagate Backup Plus Drive/Media/VHS/Transcoded/${file%.mov}_tcoded.mov"
done
```
Thank you! Questions?