

## Cataloging Digital Resources OLAC Conference 2020

10/15/20  
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## Topics Covered

- Streaming media (audio and video)
- Blogs, vlogs and podcasts
- Tangible digital resources

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## Streaming Media



### OLAC Streaming Media Best Practices

Version 1.1, April 2018

<https://www.olacinc.org/tue-04242018-1721document/best-practices-cataloging-streaming-media-using-rda-and-marcz1-version-11>

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## What is Streaming Media?

- Audio or video content
- Downloading and consuming occur simultaneously
- No data is kept on your local device



[https://commons.wikimedia.org/wiki/File:Cartoon\\_Mobile\\_Tablet\\_Streaming\\_A\\_Video\\_Online.org](https://commons.wikimedia.org/wiki/File:Cartoon_Mobile_Tablet_Streaming_A_Video_Online.org)

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## Provider-Neutral Approach

### PCC Provider-Neutral Record Guidelines for Electronic Monographs, Serials, and Integrating Resources

1 bib for “equivalent” manifestations regardless of platform or provider

<https://www.loc.gov/aba/pcc/scs/documents/PCC-PN-guidelines.html>

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## Provider-Neutral Records

- Standard for shared cataloging
- Addresses the problem of duplicates or near-duplicates
  - For catalogers
  - For end users


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## P-N Records & eBooks


- Mostly PDF or other facsimile-like reproductions
  - Include paratextual information (cover, title page, etc.)
- OCLC blog post on paratext and container collapse  
<https://blog.oclc.org/next/always-judge-a-book-by-its-cover/>
- Consistent identifiers: ISBNs

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## P-N Records & Streaming Audio



**MOZART III VOL. 1**



**Thelonius Monk Quartet: Misterioso**

produced by Orrin Keepnews, performed by Jimmy Griffin, 1959-2008, Armed Abdul Malik, 1957-1960, Roy Haynes, 1955, and Thelonius Monk, 1957-1985. The Thelonius Monk Quartet Original Jazz Classics, 1985, 1 hour 4 mins, 8 page(s)

Label: Decca/Deluxe

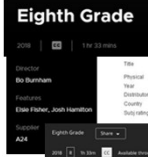
Catalogue No.: 00020947507725

Release Date: 12 October 2012

Download PDF file

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## P-N Records & Streaming Video



**Eighth Grade**

2018, 1 hr 33 mins

Director: Bo Burnham


Physical: Color, Sound: 84 minutes

Year: 2018

Distributor: Education Pictures Corp. (also)

Country: United States of America


Back cover



**A Day on the Grand Canal With the Emperor of China**

650 / 46:28

Directed by Philip Hsueh, Performed by David Hsu, Produced by Philip Hsueh, Los Angeles County Museum of Art, Program for Art on Film (Harrington, P.A., N.Y.)



**Inner Journey: The Path of Mysticism**

44 mins 47 sec

DETAILED

Producer: The Association Group

Date Added: 04/07/2020

Copyright Date: © 2001

Year in: 2007

Type: Documentary Film

Run Time: 57:15

Language: English

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## Identifying P-N Records

- 040 \$e pn
- 588 "Description based on" note
- Multiple 856 fields for specific providers
  - 856 40 \$3 MyiLibrary \$u <http://www.mylibrary.com?id=29265>
  - 856 40 \$3 ProQuest Ebook Central \$u <https://public.ebookcentral.proquest.com/choice/publicfullrecord.aspx?p=4656133>
  - 856 40 \$3 VleBooks \$u <http://www.vlebooks.com/viewweb/product/openreader?id=none&isbn=9780071409629>

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## Provider Info in P-N Records

- Identifiers (020, 024, 028)
- 246 Available from some providers with title:
- 588 "Description based on" note
- Multiple non-proxied 856 fields for specific providers
  - 856 40 \$3 MyiLibrary \$u <http://www.mylibrary.com?id=29265>
  - 856 40 \$3 ProQuest Ebook Central \$u <https://public.ebookcentral.proquest.com/choice/publicfullrecord.aspx?p=4656133>

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## Provider-Specific Info Not in P-N Records

- No provider-specific info in:
  - Edition statements
  - Publication/distribution/manufacture statements
  - Series
  - Notes (except 588)
  - Host item entries
  - Access points, or as qualifiers for access points
- No info about individual databases, e-packages or third-party aggregators

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## Also Not Included in P-N Records

- No information specific to particular providers about:
  - Access restrictions
  - File formats
  - File sizes
  - Prices
  - Subscription information
  - System requirements
- No 533 (descriptive data about a specific reproduction) except for digital preservation projects

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## 6.9 Content Type

- performed music
- spoken word
- two-dimensional moving image
  - cartographic moving image
- sounds
- three-dimensional moving image

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## Performed Music on Video

"For streaming videos containing **filmed performances of musical works**, provide an additional content type with the value **"performed music"** if it is judged that a user would be likely to search for a given resource using that content type. Use judgment about whether to assign an additional content type of "spoken word" for streaming videos where the content is mostly spoken (i.e., filmed poetry readings, etc.).

--OLAC Streaming Media Best Practices

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## Type of MARC Record and Form

### Type of Record (LDR/06)

- Based on content of resource

Type g    Type i    Type j

Form (008/23 or 008/29 =  
o (online)    Form o

Type of Visual Material  
(008/33) = v (video)

TMat v

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## Databases & Websites

Type of record  
still based on  
content of  
resource

Use 006 for  
continuing  
resource aspects

The screenshot shows a MARC record editor interface. At the top, there's a header with 'Visual Materials', 'Rec stat', 'Entered', '20160208', and 'Replaced'. Below this is a table with columns: Type, Form, Size, Date, Ctrl, Lang, and other fields. The 'Type' column has values like 'g', 'i', 'j', 'v'. The 'Form' column has values like 'o', 'v'. The 'TMat' field is also visible. Below the table, there's a section titled 'Edit Field 006 - Continuing Resources' with checkboxes for 'Type', 'Form', 'Size', 'Date', 'Ctrl', 'Lang', and 'Other'.

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## 006: Computer Aspects

The screenshot shows a MARC record editor interface for the 006 field. It has two panels, both titled 'Edit Field 006 - Computer File'. Each panel contains checkboxes for 'Type', 'Form', 'Size', 'Date', 'Ctrl', 'Lang', and 'Other'.

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### 3.2 Media and 3.3 Carrier Type

- computer
- online resource

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### Media Types for Moving Images

- **Projected:** stores *images* for use with a *projection* device
- **Video:** stores *analog or digitally-encoded images* designed for use with *playback devices* such as a VCR or DVD player
- **Computer:** stores *electronic files*, designed for use with a *computer* (either on tangible media or accessed remotely)

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### Content, Carrier, Media

Streaming Audio

336 #a performed  
music #b prm #2  
rdacontent

337 #a **computer** #b c  
#2 rdamedia

338 #a online resource  
#b cr #2 rdacarrier

Streaming Video

336 #a two-  
dimensional moving  
image #b tdi #2  
rdacontent

337 #a **computer** #b c  
#2 rdamedia

338 #a online resource  
#b cr #2 rdacarrier

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### Digital Characteristic: 3.19.2 Digital File Type

A general type of data content encoded in a  
computer file

347 #a video file #2 rdaft

347 #a audio file #2 rdaft

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### Digital Characteristic: 3.19.3 Encoding Format

A schema, standard, etc., used to encode the *digital*  
content of a manifestation.

Formerly-listed video encoding formats:

- MPEG-4
- Quicktime
- RealVideo
- Windows media

\* Not used with provider-neutral records

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### Digital Characteristic: 3.19.4 File Size & 3.19.7 Encoded Bitrate

#### 3.19.4 File Size

Number of bytes in a digital file

347 #c 550 MB

#### 3.19.7 Encoded Bitrate

A speed at which streaming audio, video, etc., is designed to play

347 #f 800 kbps

\* Not used with provider-neutral records

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### 3.20 Equipment or System Requirement: Streaming Media

538 #a System requirements: Adobe Flash Player 8 or  
higher

\* Not used with provider-neutral records except for details  
of digital preservation projects

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### Sound Characteristic: 3.16.2 Type of recording

344 #a digital #2 rdatr

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### Sound Characteristic: 3.16.8 Configuration of playback channels

344 #g stereo #2 rdapc

A number of sound channels used to make a recording

- mono
- stereo
- quadraphonic [rare]
- surround [more than two channels]

\* Not used with provider-neutral records

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### 3.18 Video Characteristics

Does not apply to streaming video

- video format: A standard, etc., used to encode the analog video content of a manifestation.
- broadcast standard: A system used to format a manifestation of a video for television broadcast.

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### 3.4 Extent

#### • Examples from Provider-Neutral Guidelines

300 ♯a 1 online resource (1 audio file (30 min.))  
 300 ♯a 1 online resource (2 video files)  
 300 ♯a 1 online resource (1 video file (30 min.)) : ♯b sound, color, with black and white sequences

- LC-PCC practice: For online resources, record extent as "1 online resource" followed by ... format-specific terminology when applicable (e.g., vocal score, videodisc, slide, atlas). Record the subunits only if readily ascertainable and considered important for identification.

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### 007

007 ♯a c ♯b r

007 ♯a s ♯b z ♯d z ♯e u ♯f n ♯g n ♯h n ♯i n  
 ♯j n ♯k z ♯l n ♯m e ♯n d

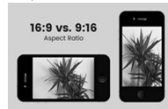
007 ♯a v ♯b z ♯d c ♯e z ♯f a ♯g z ♯h z ♯i u

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### 7.19 Aspect Ratio (500)

Ratio of the width to the height of a moving image (numerical & designation)

- full screen (less than 1.5:1)
- wide screen (1.5:1 or greater)
- mixed (multiple aspect ratios in same work)\*
- vertical video ???
  - (rant against vertical video)



Coming to MARC soon:

\$c – Aspect ratio value  
 \$d – Aspect ratio designator

\*OLAC recommends using "Mixed aspect ratios"

[https://en.wikipedia.org/wiki/Aspect\\_ratio\\_\(image\)](https://en.wikipedia.org/wiki/Aspect_ratio_(image))

<https://atan.com/blog/vertical-video-for-igv/>

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### Titles & Preferred Sources

- Always give source of title in a note
- Consider the web page that links to streaming media to be part of the resource itself

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### 2.2.2.3 Preferred Source (Video)

#### 1. Title frame(s) or screen(s)

Generally, don't consider logo screens part of the title frames



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### 2.2.2.3 Preferred Source (Online Video)

Online; No Title Frames or Screens

1. Textual content (Web page)
2. Embedded metadata in textual form
3. Another source forming part of the resource; prefer formally-presented titles

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### 2.2.2.4.2 Preferred Source (Audio)

Use as the preferred source of information the first of the following with a title:

- a) textual content
- b) embedded metadata in textual form that contains a title (e.g., metadata embedded in an MP3 audio file).

If none of these sources has a title, use as the preferred source of information another source forming part of the resource itself, giving preference to sources in which the information is formally presented.

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### Webpages & Preferred Sources

OLAC Best Practices:

Consider a website that contains a link to the streaming media resource being cataloged as "part of the resource itself." As explained earlier in this section, "textual information" on such websites may be treated as the preferred source of information for streaming audio files, as well as for streaming video files when there are no title frames or screens available.

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### Notes on Source of Title & Date of Viewing

2.17.2.3 Note on Source of Title Proper

2.17.13.5 Date of Viewing of an Online Resource

588 ## #a Description based on online resource; title from Steam resource page viewed October 3, 2014.

588 o# #a Description based on online resource; title from title screen (Alexander Street Press, viewed November 26, 2012).

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### 588 Source of Description Note

Based on equivalent tangible manifestation:

588 ## #a Description based on audio disc version record.

588 o# #a Audio disc version record.

Based on online resource:

588 #a Description based on online resource; title from PDF image of CD cover (Alexander Street Press, viewed October 28, 2013).

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### 776 Additional Physical Form Entry

776 o8 #i Audio disc version: #a Copland, Aaron, 1900-1990, #s Piano music. Selections. #t Piano music. #d [United States] : Naxos, ©2005 #w (DLC) 2005583641 #w (OCoLC)62209381

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### Provider-Specific Titles

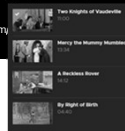
245 10 #a Brass in Berlin.

246 1# #i Available from some providers with title: #a Brass arrangements

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### RDA 1.5 Comprehensive vs. Analytic Description

245 00 #a Pioneers of African American cinema short films, 1915-1921  
505 0- #t Two nights of vaudeville #g (11 min.; 1915) ... #t Mercy, the mummy mumbled #g (12 min.; 1912) / #r produced by the Ebony Film Corporation ...  
588 #a Description based on online resource; title from provider website (Kanopy, viewed Sept. 24, 2020).  
856 40 #t Kanopy #u <https://www.kanopy.com/node/278611>



245 00 #a Mercy, the mummy mumbled...

588 #a Description based on online resource; title from provider website (Kanopy, viewed Sept. 24, 2020).

856 40 #t Kanopy #u <https://www.kanopy.com/node/278615>



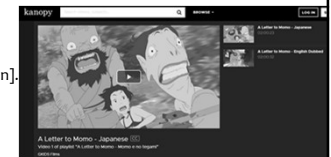
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### Distinguishing Playlists

250 #a[Playlist].

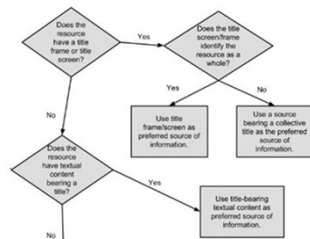
250 #a Japanese [version].

250 #a English dubbed [version].



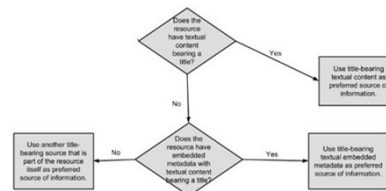
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### Source of Title (Video)



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### Source of Title (Audio)



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### Publication Information

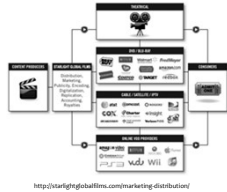
Provider-Neutral Guidelines

- All online resources are considered published. The provider-neutral model (in contrast to RDA) specifies that if the e-resource being cataloged is an online reproduction of a tangible resource, usually the Production, Publication, Distribution, Manufacture and Copyright notice information will come from the original tangible source record.

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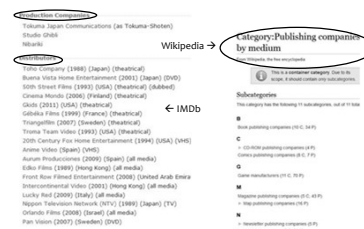
Why are video publication statements so hard?

There is **no entity called “publisher”** in the commercial dissemination of moving images



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## No Video Publishers in IMDb or Wikipedia



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## No Publication Area in AMIM

AMIM 4. Distribution, Release, Broadcast Area

Moving image materials are made available to the public through methods of distribution, releasing, or broadcasting. Distributors or releasing companies perform the function of making moving image materials available. Television networks or stations broadcast television programs.

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## Corporate Bodies & Functions

- Production Companies
- Financing Companies
- Rights Holders
- Distributors
- Video on Demand Services

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## RDA Definitions for Publisher, Distributor

**Publisher:** An agent responsible for publishing, **releasing**, or **issuing** a manifestation

**Distributor:** An agent responsible for distributing a manifestation

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## Corporate Bodies & Moving Images (1)



1. Production Company
  - Acquires content
  - Organizes and manages production
  - Final editorial review

2. Financing Company
  - Provides funding



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## Corporate Bodies & Moving Images (2)

3. Video on Demand Distributor
  - Acquires content (major studios have their own distribution arms, but independent films have to find a distributor)
  - Licenses content (usually exclusive to a region or format and time-limited—one reason it's hard to get perpetual streaming rights)
  - Markets video
  - Prepares video for streaming
  - Arranges for video to be available online

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## Corporate Bodies & Moving Images (3)

4. Video on Demand Services



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## Provider-Neutral Record Requires

- Identifying “equivalent” manifestations
- Describing “equivalent” manifestations consistently

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## Who is the Publisher?

- a) Production company
- b) Financing company
- c) Rights holder
- d) Distributor
- e) Video on demand service

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## What is the Date of Publication?

- a) Date of original release
- b) Date of “equivalent” tangible manifestation
- c) Date posted on streaming platform
- d) Date of publication in the vendor’s MARC record

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## OLAC BP on Online Reproductions

- 1) For online reproductions, record publication information that relates to the work as it was published in its original format. If it is not taken from within the resource or must be estimated, give it in square brackets. Follow information with a question mark if it is uncertain whether it relates to the original publication of a resource.

If information is taken from within the resource, but it is not certain whether it relates to the original publication of a resource, also supply square brackets and follow it with a question mark. For streaming videos that were originally issued as motion pictures, one may record the production company in square brackets.

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## OLAC BP on “Born Digital”

- 2) For streaming media resources that are not reproductions (e.g., that were “born digital”), record publication information that relate to the earliest online iteration of a resource. For example, choose or estimate a date that a resource was first made available online. Since a single publication date for a particular provider-specific version is unlikely to represent all versions of a resource, it is recommended as a best practice **to always record the publication date (i.e., date a resource was made available online) in square brackets**. While catalogers are encouraged to supply the earliest date they can find regardless of provider, they are not required to search for such information beyond the particular provider version that is being cataloged.

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## Streaming Video and the P-N Guidelines

- Verify that the expression matches
  - Duration
  - Language
  - Accessibility
  - Extras
- Match loosely for publisher and date of publication

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## Locally Reproduced

- Section on local recordings in chapter 3 of OCLC’s bib formats  
<https://www.oclc.org/bibformats/en/specialcataloging.html#localrecordings>
- Case where you can identify a specific manifestation

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## Identifiers

Streaming music vendors often supply identifiers for tangible versions

- 028 02 #a CDX-5111 #b Vox

Streaming platforms often include their identifiers in their records

- 028 42 #a bf-vac #b Docuseek2
- 028 40 #a 141428 #b Infobase
- 028 52 #a 1285134 #b Kanopy

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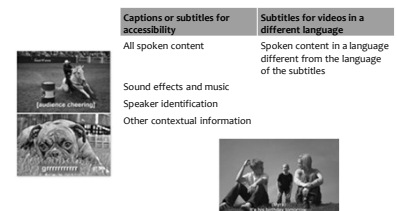
## 7.14 Accessibility Content

- Provides alternative sensory modes to perceive the primary content of an expression
- Includes accessible labels, audio description, captioning, image description, sign language, and subtitles. *Does not include subtitles in a language different from the spoken content\**

\* This can be true, but is not always true

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## What are Captions?



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## Autogenerated Captions



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## 7.14 Accessibility Content (Captions)

041 0# ꞑa eng ꞑp eng ꞑh eng

546 ꞑa In English with optional English captions for the deaf and hard of hearing.

655 0# ꞑa Video recordings for the hearing impaired.

*\*Closed captions and SDH are specific technologies; I prefer the more generic "captions" for online videos*

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## 7.14 Accessibility Content (Transcripts)

041 0- ꞑa eng ꞑp eng ꞑt eng ꞑh eng

546 ꞑa English dialogue with optional English captions for the deaf and hard of hearing. Includes synchronized transcript in English.

ꞑt - Language code of accompanying transcripts for audiovisual materials (R)



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## MARC 341 (Accessibility Content) & 532 (Accessibility Note)

341 0# ꞑa auditory ꞑb captions

341 0# ꞑa auditory ꞑb transcript

532 1# ꞑa Closed captioning in English

532 1# ꞑa Transcript (English) with optional auto-scroll.

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## What is a Blog?

- Blog: A blog (a truncation of "weblog") is a discussion or informational website published on the World Wide Web consisting of discrete, often informal diary-style text entries (posts). Posts are typically displayed in reverse chronological order, so that the most recent post appears first, at the top of the web page.
- Vlog: A video blog or video log, sometimes shortened to vlog (vlog), is a form of blog for which the medium is video, and is a form of web television. Vlog entries often combine embedded video (or a video link) with supporting text, images, and other metadata. Entries can be recorded in one take or cut into multiple parts.

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## What is a Podcast?

- Podcast: A podcast is an episodic series of spoken word digital audio files that a user can download to a personal device for easy listening. Streaming applications and podcasting services provide a convenient and integrated way to manage a personal consumption queue across many podcast sources and playback devices.
- Video podcast: A video podcast or vodcast is a podcast that contains video content. Web television series are often distributed as video podcasts.

Wikipedia

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## Podcast

Type = i Form = o

006 m o h

336 ꞑa spoken word ꞑb spw ꞑ2 rdacontent

337 ꞑa computer ꞑb c ꞑ2 rdamedia

338 ꞑa online resource ꞑb cr ꞑ2 rdacarrier



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## 1.1.3 Mode of Issuance

A categorization reflecting whether a manifestation

- is issued in one or more parts
- the way it is updated
- whether its termination is predetermined or not

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## Modes of Issuance

A categorization reflecting whether a manifestation is issued in one or more parts, the way it is updated, and whether its termination is predetermined or not.

- multipart monograph: A mode of issuance of a manifestation issued in two or more parts, either simultaneously or successively, that is complete or intended to be completed within a finite number of parts.
- serial: A mode of issuance of a manifestation issued in successive parts, usually bearing numbering, that has no predetermined conclusion.
- integrating resource: A mode of issuance of a manifestation that is added to or changed by means of updates that do not remain discrete but are integrated into the whole.

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### MARC Coding for Podcast as Continuing Resource

BLV: s

006 s x o o ao

Issue: <input type="checkbox"/>	Endic: <input type="checkbox"/>
Cont: <input type="checkbox"/>	Cont: <input type="checkbox"/>
Ext: <input type="checkbox"/>	Ext: <input type="checkbox"/>
St: <input type="checkbox"/>	St: <input type="checkbox"/>
Ch: <input type="checkbox"/>	Ch: <input type="checkbox"/>
Ext: <input type="checkbox"/>	Ext: <input type="checkbox"/>

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### Coming Soon: Diachronic Works

A diachronic work is a work that is planned to be embodied over time, rather than as a single “act of publication”. When the plan is carried out, the content of the work changes over time by being realized by one or more discrete expressions that are embodied by one or more manifestations.

The essence of a diachronic work is a plan for the change of content.

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### Coming Soon: Extension Plans

Describes the intended method for extending the content of a work through time

- Extension requirement (essential or inessential)
- Extension mode (integration or succession)
- Extension termination (determinate or indeterminate)

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### 2.1.2.3 Basis of Identification of Manifestation Issued in More Than One Part

Usually start with the earliest manifestation

- b) If the manifestation has sequentially numbered issues or parts, choose a source of information identifying the lowest numbered issue or part available.
- c) If the manifestation has unnumbered issues or parts, or if it has numbering that does not help to establish an order, choose a source of information identifying the issue or part with the earliest date of issue.

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### What is the title?

- Selecting the preferred source and selecting the title are two decisions that go hand-in-hand. The preferred source of information depends on both the type of description and the presentation format of the resource (RDA 2.2.2.1)... In considering the presentation format, the first question to ask is “What is considered part of the resource?” [CONSER manual]
- Video podcasts and vlogs (2.2.2.3): title frames, textual content, embedded metadata, another source forming part of the resource itself
- Audio: textual content, embedded metadata, another source forming part of the resource itself
- Challenge for audio is that preferred source for title is not part of the streaming file itself and the surrounding web pages are not necessarily static

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First Episode of “Brain Science Podcast”

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### Where Did You Get Your Info?

Notes on...

- 2.17.2.3 Title Source
- 2.17.13.3 Issue or Part Used as the Basis for the Identification of a Multipart Monograph or Serial
  - CONSER: Give both earliest and latest in separate notes
- 2.17.13.5 Date of Viewing of an Online Resource

Often combined in 588 field

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### 588 Source of Description Note for Serials

- 588 ## #a Description based on: BSP 1 (December 15, 2006); title from episode webpage (viewed October 3, 2020).
- 588 ## #a Latest issue consulted: BS 176 (September 25, 2020) (viewed October 3, 2020).
- 588 o# #a October 29, 2018; title from podcast homepage (Anchor website, viewed October 4, 2020).
- 588 1# #a September 20, 2020 (Anchor website, viewed October 4, 2020).

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### 2.4 Statement of Responsibility

- Exception for Serials. Record a statement of responsibility identifying an editor of a serial only if the name of the editor is considered an important means of identifying the serial (e.g., if a particular person edited the serial for all or most of its existence; if the person's name is likely to be better known than the title of the serial).
- LC-PCC PS: For serials, statement of responsibility relating to the title proper is not required

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### 19.2.1.1.3 Persons or Families Considered to be Creators of Serials

A person or family is considered to be the creator of a serial if it is responsible for the serial as a whole, not an individual issue or a few issues.

Indications that a person or family may be considered responsible for the serial as a whole include the following:

- the name or part of the name of the person is in the title proper
- the person or family is the publisher of the serial
- content consists of personal opinions, etc.
- lack of another agent involved with the serial.

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### 19.2.1.1.3 Persons or Families Considered to be Creators of Serials (2)

Example

Lehrer, Jonah

Authorized access point representing the creator for: Frontal cortex. A blog

- If different issues of the serial are likely to be created by different persons or families, do not consider a person or family to be the creator.
- If it is likely that the serial would continue without that person's or family's responsibility for the serial, do not consider the person or family to be the creator. In case of doubt, do not consider the person or family to be the creator.

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### Publication Info (Dates)

- Usually have range of dates 
- DtSt = c
- Date2 = 9999 if new episodes are still being added
- Only give first and last date in Date of Publication if you have the relevant manifestations in hand
  - 264 #1 #a Birmingham, AL : #b Ginger Campbell, #c 2006-

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### Publication Info (Publisher)

- Especially for podcasts, often multiple sites where podcast is available
  - Creator (person or organization) maintains own web page  
264 #1 #a Birmingham, AL : #b Ginger Campbell, #c 2006-
- Published on hosted site  
264 #1 #a [Eugene, Or.] : #b [Ayisha Elliott], #c 2018-



85

### 3.4 Extent of Continuing Resources

- Ongoing  
300 #a online resource (audio files)
- Ceased  
300 #a 1 online resource (15 video files)

86

### 2.6 Numbering of Serials

362 1# #a Began with: BSP 1 (December 15, 2006).  
515 #a Issues beginning in 2017 mostly called BS 131-

362 1# #a Began with: October 29, 2018.

\*CONSER practice is to always use unformatted 362 (1<sup>st</sup> indicator 1)

87

### 2.14 Frequency and Regularity

310 #a Monthly

Edit Field 006 - Continuing Resources

Type:	s
Freq:	m
Regl:	f

310 #a Irregular

Type:	s
Freq:	u
Regl:	x

88

### CONSER on Choosing URLs

- Multiple providers  
"URLs for each may be given on the provider-neutral record."
- Multiple locations within a site  
"Consider providing the URI of the page which gives the user access to all the issues either through a table of contents or search interface."

89

### Individual Episodes or Posts

- Catalog as monographs (Blvl = m)
- Title is episode or post title unless it isn't distinctive
- Give podcast or blog title in 773 (Host Item Entry)

90

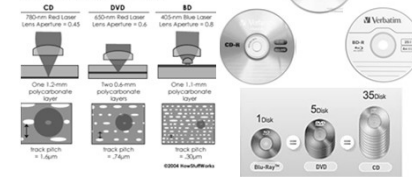
## Tangible Digital Resources

- Optical discs
- USB flash drives
- Playaways

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## Basics of Optical Discs

### CD vs. DVD vs. Blu-ray Writing



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## Various Optical Discs



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## Common Types of Optical Discs (1)



94

## Common Types of Optical Discs (2)



95

## Common Types of Optical Discs (3)



96

## What is a DVD-R?

### DVD-Recordable

A write-once (read only) DVD disc for both movies and data endorsed by the DVD Forum.

<https://www.pcmag.com/encyclopedia/term/dvd-r>



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## 3.9.1 Production Method (Burning)

A process used to produce a manifestation

- burning (burned discs, such as DVD-R and DVD+R)  
A production method consisting of the application of heat to mark the surface of a material.

340 °d burning ±2 rdapm



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## 3.9.1 Production Method (Stamping)

A process used to produce a manifestation

- stamping (commercially-pressed discs)

A production method consisting of the application of pressure to make an impression on the surface of a material.

340 °d stamping ±2 rdapm



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<https://en.wikipedia.org/wiki/DVD>

101

## 10

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## 102

## 103

## 104

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## 105

## 106

## 107

## 108

### Content Type: Datasets

- Cartographic dataset

Cartographic content expressed through a digitally encoded dataset intended to be processed by a computer; excludes cartographic data intended to be perceived in the form of an image or 3-D form.

- Computer dataset

Content expressed through a digitally encoded dataset intended to be processed by a computer. Numeric data, environmental data, etc., used by applications software to calculate averages, correlations, etc., or to produce models, etc., but not normally displayed in its raw form, are included.

Excludes data intended to be perceived visually in the form of notation, image, or three-dimensional form. For data intended to be perceived in an audible form, see performed music, sounds, and spoken word. For cartographic data, see cartographic dataset.

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### Content Type: Programs

- Computer program

Content expressed through digitally encoded instructions intended to be processed and performed by a computer.

Includes operating systems, applications software, etc.

110

### MARC Record Type “m” (Computer File)

- computer software (including programs, games, fonts)
- numeric data
- computer-oriented multimedia
- online systems or services

111

### When Not to Use Record Type “m”

For electronic resources, if there is a significant aspect that causes it to fall into another Leader/06 category, the code for that significant aspect is used instead of code m (e.g., vector data that is cartographic is not coded as numeric but as cartographic).

Other classes of electronic resources are coded for their most significant aspect (e.g. language material, graphic, cartographic material, sound, music, moving image).

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### When in Doubt About Record Type

In case of doubt or if the most significant aspect cannot be determined, consider the item a computer file.

- When in doubt about record type, use “m”
- When there isn’t a predominant content type, use “m”

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### MARC Type of Computer File (008/26 or 006/09)

- |                        |                              |
|------------------------|------------------------------|
| a - Numeric data       | h - Sound                    |
| b - Computer program   | i - Interactive multimedia   |
| c - Representational   | j - Online system or service |
| d - Document           | m - Combination              |
| e - Bibliographic data |                              |
| f - Font               |                              |
| g - Game               |                              |

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### Content & Record Type for Video Games

336 \$a two-dimensional moving image \$b tdi \$2 rdacontent

336 \$a computer program \$b cop \$2 rdacontent

115

### More Video Game Resources

- OLAC Best Practices For Cataloging Video Games Using RDA And MARC21

<https://olacinc.org/fri-04272018-1719document/best-practices-cataloging-video-games-using-rda-and-marc21-version-11>

- OLAC Video Game Genre Vocabulary  
<http://www.olacinc.org/video-game-vocabulary>

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### Coming Soon: Interactivity Mode

A capacity of content to respond to actions performed by the user.

- interactive
- non-interactive

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### Example: PDF of Conference Proceedings on CD-ROM

- MARC record type based on content
- Type (LDR/06) = a
- Form = q [direct access]
- 006
  - Type = m
  - Form = q
  - Type of computer file = d [document]

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### 007 for PDF of Conference Proceedings on CD-ROM

- 007
- #a/00 c [electronic resource]
  - #b/01 o [optical disc]
  - #d/03 c [color]
  - #e/04 g
  - #f/05 [blank for no sound]

119

### Content, Media, Carrier Types for PDF of Conference Proceedings on CD-ROM

336 #a text #b txt #2 rdacontent  
 337 #a computer #b c #2 rdamedia  
 338 #a computer disc #b cd #2 rdacarrier

120

### 3.4 Extent and 3.5 Dimensions

Using an appropriate term from the list of carrier types at 3-3.1.3:

300 #a 1 computer optical disc : #b color ; #c 12 cm

Alternative: Using a term in common usage

300 #a 1 CD-ROM (345 pages) : #b color ; #c 4 3/4 in.

CD-ROM as type of disc vs. CD-ROM as shorthand for software or data disc

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### 3.19 Digital File Characteristic

- |                           |   |
|---------------------------|---|
| 3.19.2 File Type          | 3.19.4 File Size (347 #c)                             |
| 347 #a text file #2 rdaft | 3.19.5 Resolution (347 #d)                            |
| 3.19.3 Encoding Format    | 3.19.6 Regional Encoding (347 #e)                     |
| 347 #b PDF                | 3.19.7 Encoded Bitrate (347 #f)                       |
|                           | 3.19.8 Digital Representation of Cartographic Content |

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### 3.20 Equipment or System Requirement: Tangible Digital Resources

- 538 #a System requirements: computer with CD-ROM drive; Adobe Acrobat Reader or other software to open PDF files.
- 538 #a System requirements: Adobe Acrobat Reader; CD-ROM drive.
- 538 #a System requirements: Windows XP or Windows 7; Intel Pentium processor; 64MB of RAM; 24MB of available hard-disk space; web browser; Adobe Acrobat; DVD-ROM drive.

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### Video Game Equipment or System Requirement

- Platform, operating system, broadcast standard, hardware (processor speed, memory, video card, drive type) internet connection, online account



538 #a System requirements: Xbox 360 with the NTSC designation.

753 #a Microsoft Xbox 360 (NTSC-U/C) #2 gcipplatform\*

\* Consider using GAMECIP vocabulary for 753: <http://metadatarregistry.org/vocabulary/show/id/354.html>

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### Example Video Game System Requirements

538 #a System requirements for PC: Windows XP, (SP2), Windows Vista (SP1) or Windows 7; 2.0 GHz P4 processor or equivalent for XP/2.4 GHz P4 processor or equivalent for Vista and Windows 7; At least 1 GB RAM for XP/1.5 GB for Vista/2GB for NVIDIA ION computers; at least 3.5 GB free hard drive space; DirectX 9.0c compatible video card with 128 MB video RAM and support for PixelShader 2.0. See packaging for supported video cards.

538 #a System requirements for Macintosh: Mac OS X 10.5.7 Leopard or higher; Intel Core Duo processor (game will not run on a PowerPC Macintosh); at least 2 GB RAM; at least 3.5 GB free hard drive space; ATU X1600 or NVIDIA 7300 GT with 128 MB of video RAM. See packaging for supported video cards.

538 #a Disc characteristics: DVD-ROM.

753 #c Microsoft Windows XP #2 gcipplatform

753 #c Microsoft Windows Vista #2 gcipplatform

753 #c Microsoft Windows 7 #2 gcipplatform

753 #c Apple Mac OS X 10.5 #2 gcipplatform

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### 2.2.2 Titles of Tangible Manifestations

Use as the preferred source of information the first of the following with a title:

- a textual source on the manifestation itself (e.g., a slide) or a label that is permanently printed on or affixed to the manifestation, excluding accompanying textual material or a container (e.g., a label on an audio CD or a model)
- an internal source, such as a title screen, whose textual content formally presents the title
- for a comprehensive description, a container or accompanying material issued with the manifestation.

If none of these sources has a title, use as the preferred source of information another source forming part of the manifestation itself, giving preference to sources in which the information is formally presented.

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### 2.17.2.3 Note on Source of Title

- 500 #a Title from disc label.
- 500 #a Title from title screen.
- 500 #a Title from container.
- 500 #a Title from accompanying book title page.
- 500 #a Title devised by cataloger.
- 500 #a Title from publisher's website.

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### USB Flash Drive



- No standardized, standalone, mass-produced player
- Functionally like a computer optical disc except:
  - Different shape
  - Read/write
- "A USB flash drive is a data storage device that includes flash memory with an integrated USB interface. It is typically removable, rewritable and much smaller than an optical disc."

[https://en.wikipedia.org/wiki/USB\\_flash\\_drive](https://en.wikipedia.org/wiki/USB_flash_drive)

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### USB Flash Drive: Record & Content Type

Record Type and Content Type: varies based on content

Form = q [direct access]

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### USB Flash Drive: Media & Carrier Type

Media Type: computer

Carrier Type: computer chip cartridge

A carrier type consisting of a cartridge containing a miniaturized electronic circuit on a small wafer of semiconductor silicon, designed to provide additional processing, memory, or storage capacity.

130

### USB Flash Drive: 3.4 Extent & 3.5 Dimensions

300 #a 1 USB drive: #b sound, color; #c 2 cm

3.5.1.4.2 For computer cartridges, record the length of the side of the cartridge that is to be inserted into the machine.

131

### USB Flash Drive: 3.20 System Requirements

538 #a System requirements: computer with USB port; MP3 or media player; PDF reader.

538 #a System requirements: device with USB port; software capable of reading PDF files.

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### USB Flash Drive: Data Hosted Locally

May want to catalog the online version

Essentially a local reproduction like the locally-hosted streaming videos described earlier

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### More Authoritative Info Coming

Joint MLA/OLAC Single Use Media Best Practices Task Force  
now

Joint MLA/OLAC Media Devices RDA Best Practices Task Force

1. Digital media storage devices
2. Portable media devices [proprietary devices with preloaded content]

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### Playaway View: What is the Content, Carrier and Media Type?



- 336 #a two-dimensional moving image #b tdi #2 rdacontent
- 337 #a ?? #2 rdamedia
- 338 #a ?? #2 rdacarrier

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### Playaways: Preliminary Recommendations

Highlights from OLAC's preliminary recommendations for audio Playaways:  
[http://olacinc.org/sites/capc\\_files/PlayawaysAndRDA.pdf](http://olacinc.org/sites/capc_files/PlayawaysAndRDA.pdf)

300 1 audio media player (1 audio file): #b digital ; #c 9 x 6 cm  
 336 spoken word #b spw #2 rdacontent  
 337 audio #b s #2 rdamedia  
 337 computer #b c #2 rdamedia  
 338 other #b sz #2 rdacarrier  
 338 other #b cz #2 rdacarrier

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### Playaways: Vendor Cataloging

300 1 audio media player (approximately 13 hr., 30 min.): #b digital,  
 HD audio ; #c 3 3/8 x 2 1/8 in.  
 336 spoken word #b spw #2 rdacontent  
 337 audio #b s #2 rdamedia  
 337 unmediated #b n #2 rdamedia  
 338 other #b sz #2 rdacarrier  
 338 other #b nz #2 rdacarrier

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### Playaways: 3.16 Sound Characteristics

- Type of recording: digital  
 344 #a digital #2 rdatr
- Recording medium: non-volatile flash memory [Optional] (see  
 RDA 3.16.3.3)  
 344 #b non-volatile flash memory
- Configuration of playback channels: [record appropriate term]
- Special playback characteristics: [record appropriate term]

\*From OLAC preliminary recommendations

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### Playaways: 3.19 Digital File Characteristics

- File type: audio file  
 347 #a audio file #2 rdaft
- Encoding format: ACELP  
 347 #b ACELP
- File size: [record the number of bytes of the audio file, if available]

\*From OLAC preliminary recommendations

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### Playaways: Other Things to Think About

007 #a s #b z #d z #e u #f n #g z #h n #i n #j n #k z #l n #m e #n d  
 500 #a Title from Playaway label.

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### Playaways: If You Think It's a Computer Carrier...

Form = q [direct access]

006 = m q h

007 #a c #b z #d n #e z #f a



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Thank You!



<https://www.mediagis.com/gisinfo/figs/olac/olac-guy-chenna-olac-movie-film-video-chenna-olac-guy-film>

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