

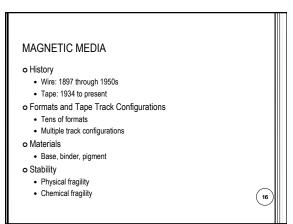


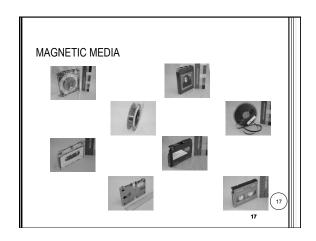
Heritage Preservation: Caring for Yesterday's Treasures--Today

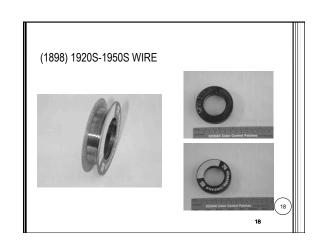




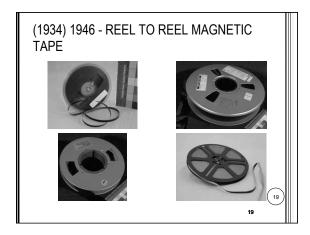
TRAITS AND PROBLEMS (DISCS) o 78s are usually less than 3 minutes o LPs are usually 15-20 minutes per side o Grooved recordings (vertical and lateral) o Acetates have serious delamination and palmitic acid exudate o Glass cores are fragile (and heavy) o LPs are flexible, fairly robust

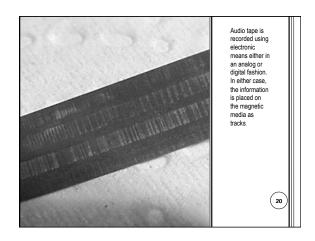


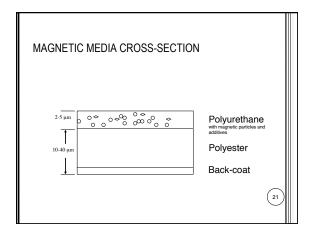


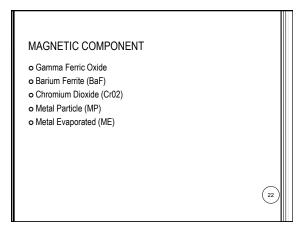


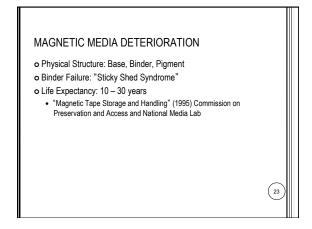
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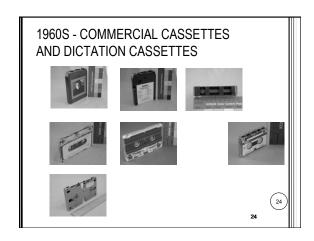




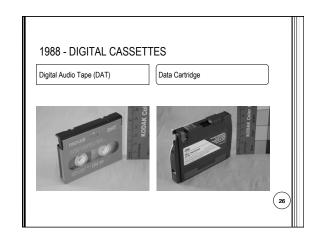


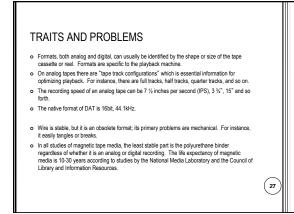


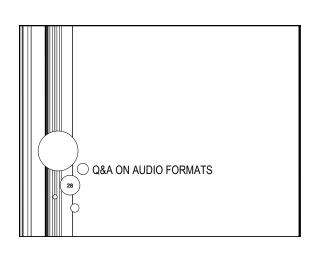


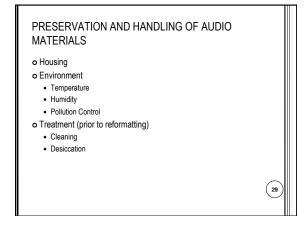


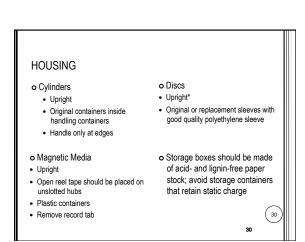


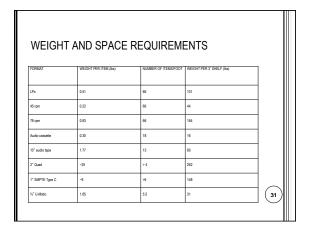










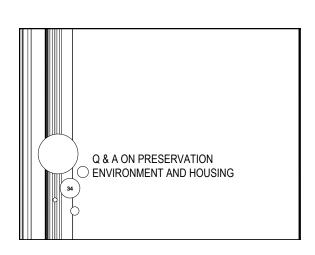


PRESERVATION ENVIRONMENT FOR AUDIO COLLECTIONS • For institutions, review ANSI IT9.13.1996, which suggests COOL and DRY in tiers for permanence (less than 70F, less than 45% RH), but never below 46F • Minimize light exposure; magnetic fields; heat sources (radiators/vents); vibration

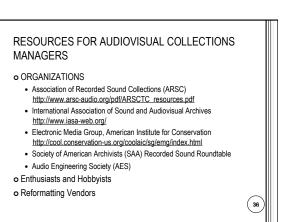
CLEANING AND TREATMENT OF AUDIOVISUAL MATERIALS PRIOR TO REFORMATTING

• Cylinders
• Soft brush
• Vacuum

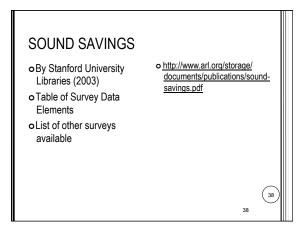
• Discs
• Cleaning solution for discs to remove palmitic acid (soapy residue) from acetates http://www.loc.gov/preservation/care/record.html
• Magnetic Media
• Automatic cloth cleaning system to clear deposits from surface of tape
• Desiccation of tape to temporarily reverse binder hydrolysis

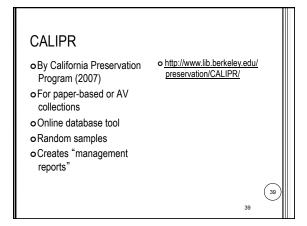


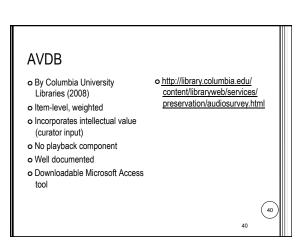
RESOURCES FOR AUDIOVISUAL COLLECTIONS MANAGERS • VIDEO • A Race Against Time http://www.ccaha.org/education/videos • BOOKS • Byers, Fred R. 2003. Care and Handling of CDs and DVDs. • McWilliams, J. 1979. The Preservation and Restoration of Sound Recordings. • Pickett, A.G., and M.M Lemoce. 1959. Preservation and Storage of Sound Recordings. • Van Bogart, J. 1995. Magnetic Tape Storage and Handling: A Guide for Libraries and Archives. • Ward, A. 1990. A Manual of Sound Archive Administration. Hants, England: Gower Publishing.

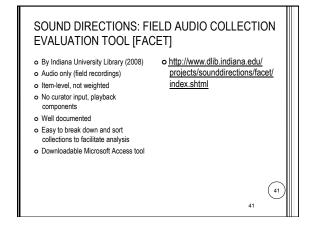


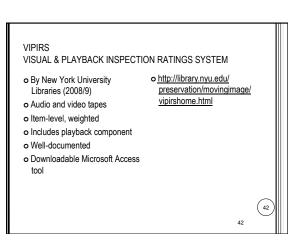
PRESERVATION PRIORITY SURVEYS o Online o Free o Easy o Methodologies change from survey to survey











AVSAP

- o By University of Illinois Urbana-Champaign Libraries (2010)
- o For AV collections
- o Online database tool or host-your-own SQL DB
- o Item-level or random samples
- o Evaluate repository and storage environments and item format. access, value
- o Approximately 15 multiple-choice questions per format
- o In-depth "pop-up" tutorial

o http://www.library.illinois.edu/ prescons/projects_grants/grants/ avsap/

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DIAGNOSTIC DATA POINTS FOR AUDIO

For all audio materials:

- oDust or dirt on container or on item
- $\mathbf{o}\textsc{Obvious}$ deterioration issues such as delamination, soapy film, mold, breakage
- ODegree of information on label
- oStorage evaluation -- quality of housing to environment oPlayback issues (sound distortion)
- In addition, for magnetic media:
- oWind of the cassette (popping, spoking)
- oPresence or absence of record tab (housekeeping)
 oAnecdotal evidence that a tape brand is poor quality or aging rapidly

PRINCIPLES OF PRIORITIZATION SURVEYS

Value

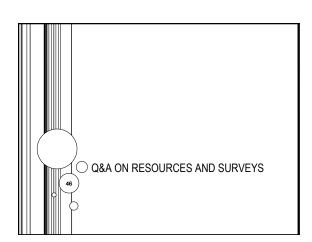
- How unique is the documentation contained within this collection?
- How extensive/complete is this documentation?
- How deep or detailed is this collection?
- To what extent are emerging research trends or agendas addressed or documented in this collection?

- · What constitutes low, moderate, and high use
- · How do you keep track use

o Risk

- Condition
- Rarity of Format/Obsolescence
- Master/Element





THANKS

- o George Blood
- o Conservation Center for Art and Historic Artifacts
- o Heritage Preservation
- o Richard Hess
- o Alan Lewis
- o Library of Congress, Recorded Sound (Larry
- o National Museum of American Indian (Michael Pahn)
- o Andrew Robb
- o Art "Shiffy" Shifrin
- o Steve Smolian
- o Stanford University Libraries (Hannah Frost)

o Paul Messier

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