The Preservation of Magnetic Tape Collections – Another Perspective

"Developing Principles and Methodologies for Moving Image and Audio Preservation in Research Libraries"

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"Developing Principles and Methodologies for Moving Image and Audio Preservation in Research Libraries"

- Three-year project beginning in July 2006
- Project funded by the Andrew W. Mellon Foundation
- Project goal: Conduct research to develop new surveying methodologies for archival audio and video magnetic media collections.

Magnetic media items from NYU's Elmer Holmes Bobst Library's three special collections will be surveyed

- The Fales Library & Special Collections
 audiovisual holdings document New York's downtown art scene
 from 1975 present
- The Tamiment Library & Robert F. Wagner Labor Archives holdings document the history of radical politics, and the American Labor and Leftist movements
- New York University Archives
 holdings document the history of the University

Andrew W. Mellon Foundation grants awarded to New York University to support audiovisual preservation efforts

First Mellon Foundation grant (Mellon1)

- Awarded in 2001
- Enabled founding of Moving Image Archiving and Preservation (MIAP) program in NYU's Tisch School of the Arts
- Funded development of film, video and eventual audio preservation labs at NYU Libraries

Second Mellon Foundation grant (Mellon2)

- Awarded in 2005
- Supports the "Developing Principles and Methodologies for Moving Image and Audio Preservation in Research Libraries" project
- Funds MIAP Research Fellow position

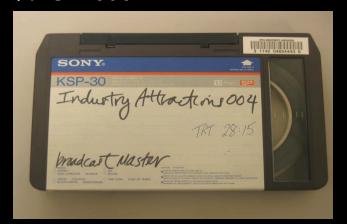
First project undertaken at NYU Libraries to assess its magnetic media holdings

- 2005 survey of approximately 14,000 VHS holdings in Avery Fisher Center for Music and Media
- Access collection only, not archival
- Conducted random sampling of materials
- Assessing potential uniqueness of holdings
- Avery Fisher Center's VHS holdings are homogenous
- Survey motivated interest in developing surveying methodologies for analyzing archival, heterogeneous audiovisual collections

The Mellon2 survey is focusing on four magnetic media formats

Two video formats:

3/4" U-matic



Two audio formats:

1/4" open reel



VHS



Compact cassette



An estimated count of video and audio holdings in NYU Libraries's special collections (as of 5/2007)

Total of video holdings

Total of audio holdings

Archives	Number of video items	<u>Archives</u>	<u>lumber of video items</u>
Fales	5,705	Fales	7,224
Tamiment/Wag	ner 1,278	Tamiment/Wagne	er 22,661
University Archi	ives 3,573	University Archive	es 4,239
TOTAL	10,556	TOTAL	34,124

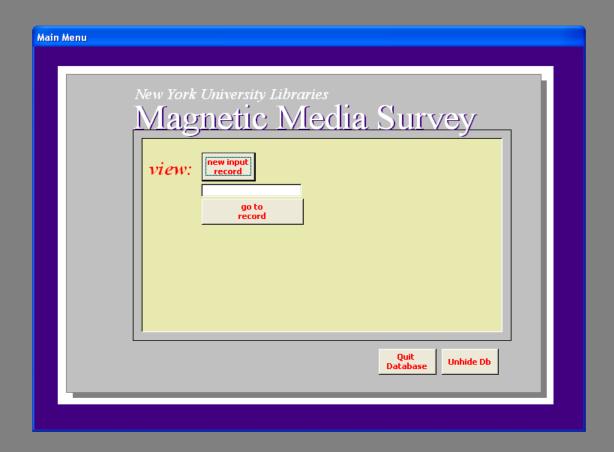
Extent of 3/4" U-matic and VHS holdings

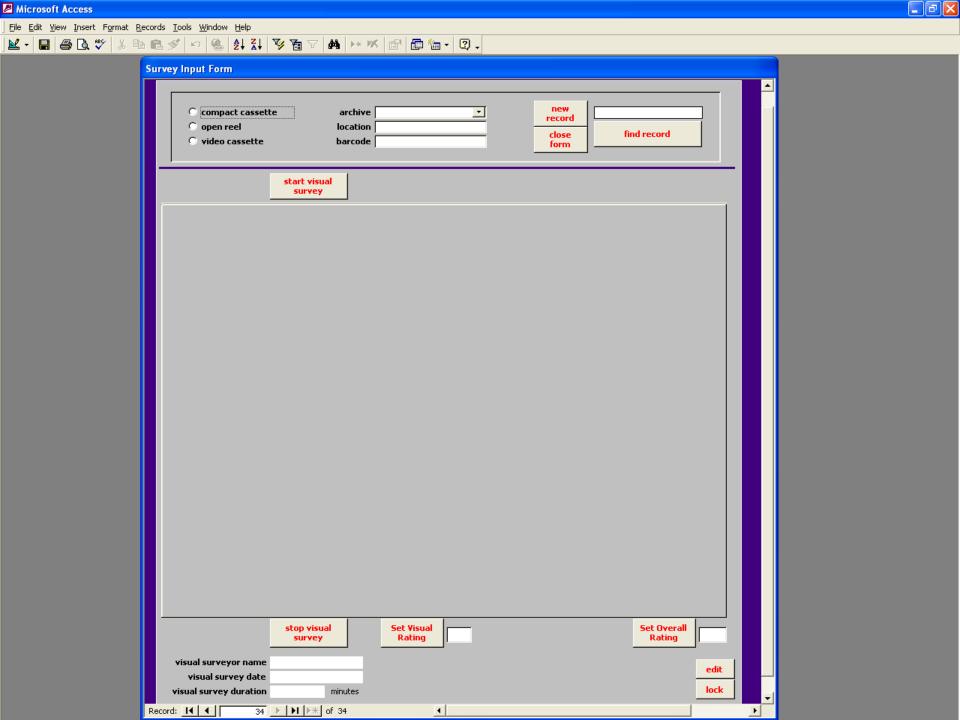
Extent of 1/4" open reel and compact cassette holdings

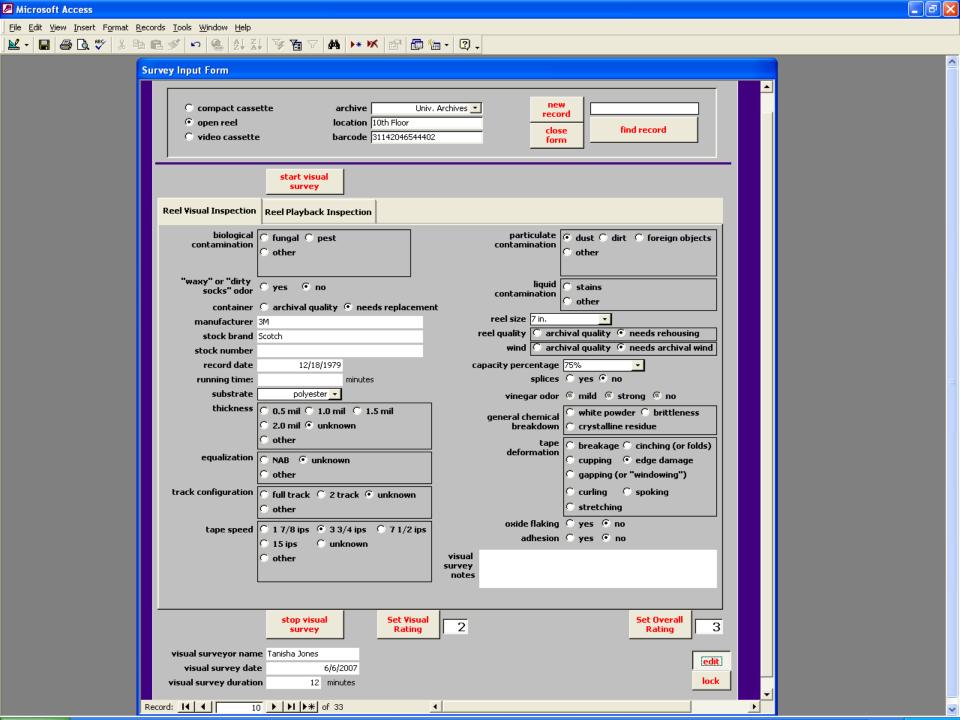
<u>Archives</u>	<u>U-matic</u>	<u>VHS</u>		
Fales	122	1,598		
Tamiment/Wagner	141	868		
University Archives	860	705		
TOTAL	1,123	3,171		
% of format in	11%	30%		
total video holdings				

Archives	<u>1/4"</u>	Cassette		
Tamiment/Wagner	7,134	11,201		
University Archives	3,610	610		
TOTAL	10,744	11,811		
% of format in	31%	35%		
total audio holdings				







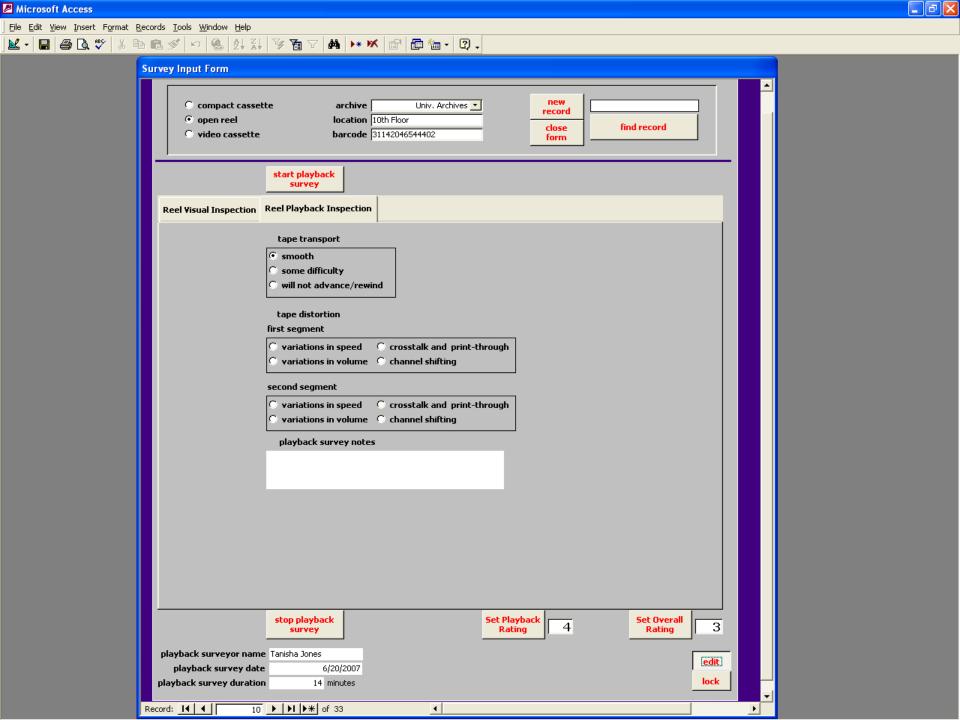


MELLON2 SURVEY TOOL RATINGS

VISUAL INSPECTION CONDITION RATING:

Condition rating is automatically calculated by the database but may be overwritten by the user if needed.

- 4 = Excellent/no risk: Eligible for playback inspection.
- 3 = Good/small risk: Eligible for playback inspection.
- 2 = Fair/some risk: Eligible for playback inspection.
- 1 = Poor/severe risk: Ineligible for playback inspection.
- 0 = Failed/extreme risk: Ineligible for playback inspection.



MELLON2 SURVEY TOOL RATINGS

PLAYBACK INSPECTION CONDITION RATING:

Condition rating is automatically calculated by the database but may be overwritten by the user if needed.

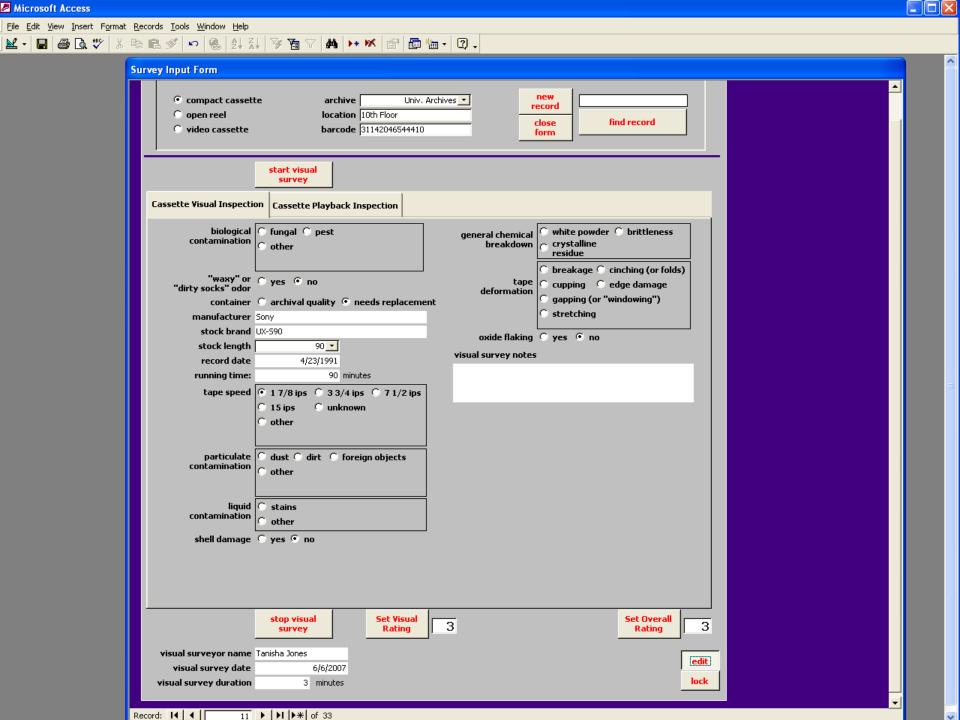
- 4 = Excellent/no risk
- 3 = Good/small risk
- 2 = Fair/some risk
- 1 = Poor/severe risk
- 0 = Failed/extreme risk

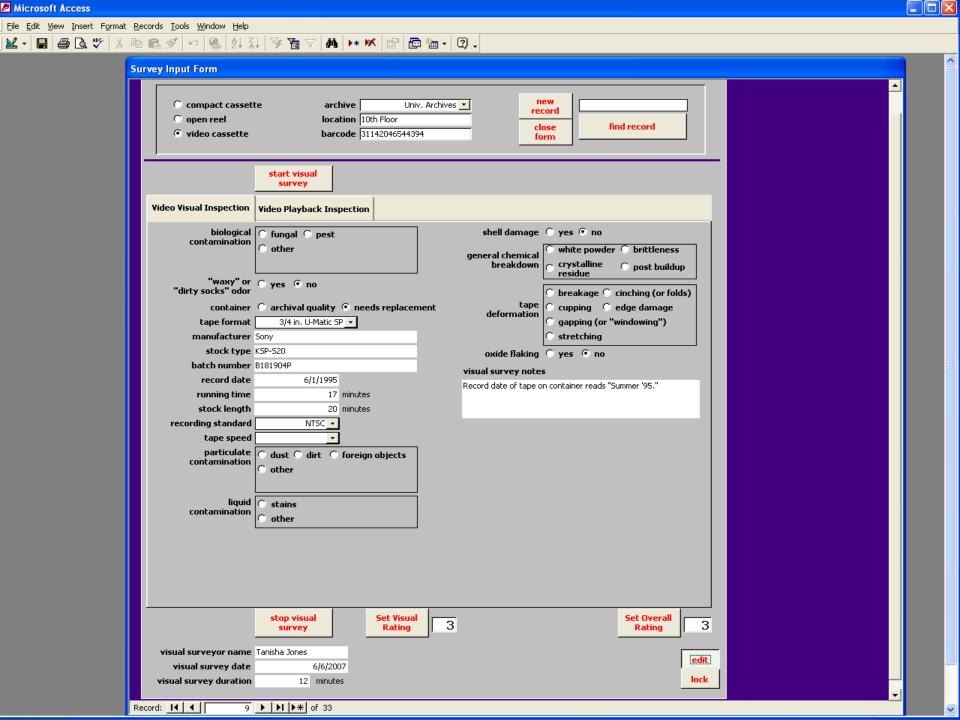
MELLON2 SURVEY TOOL RATINGS

OVERALL CONDITION RATING:

Reflects calculated ratings from visual and playback inspection or visual inspection rating alone when playback inspection has not been completed. Automatically calculated by the database but may be overwritten by the user if needed.

- 4 = Excellent/no risk. This item does not require attention at this time.
- 3 = Good/small risk. This item may require moderate collection care in order to safeguard its viability.
- 2 = Fair/some risk. This item may require significant collection care in order to safeguard its viability.
- 1 = Poor/severe risk. This item requires prompt attention from a conservation professional in order to safeguard its viability.
- 0 = Failed/extreme risk. This item requires immediate action from a conservation professional if it is to be saved.





Some challenges in random sampling archival audiovisual materials

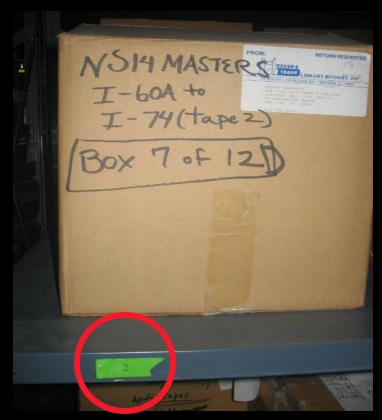


Photos showing boxes of partially processed audio collections from Tamiment Library/Wagner Archives stored in NYU Libraries's offsite campus storage facility. Items have remained in boxes due to storage constraints.



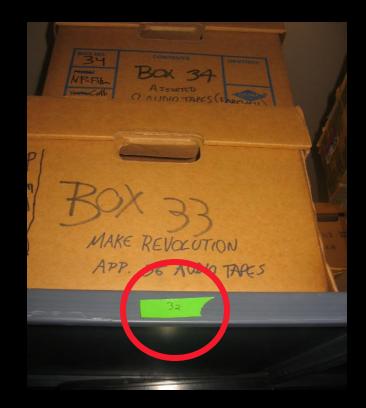
- Items may not be processed or inventoried.
- As a result, do not have precise number of holdings.
- Individual items may not be shelved and are stored in boxes until additional storage space becomes available and inventories and processing of collections are performed.

Labeling of media storage shelf locations for Mellon2 survey



Shelf location #2

There are 173 media storage shelf locations identified for the survey and spread throughout storage spaces located in Bobst Library's 3 special collections and NYU Libraries's offsite campus storage facility.



Shelf location #32

Mellon2 survey sample size

- Confidence level = 95%
- Tolerance interval = ± 5

Total U-matic items accessible for survey = 1,123 / Sample size = 286

Total VHS items accessible for survey = 3,171 / Sample size = 343

Total 1/4" open reel items accessible for survey = 10,744 / Sample size = 371

Total compact cassette items accessible for survey = 11,811 /Sample size = 372

Total sample size for survey = 1,372

Thank you!

For additional information on the Mellon2 project please contact:

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