

## Chapter 10 – Application Notes

Last updated: 18 February 2008

From time to time I find audio restoration information that seems sufficiently useful to be included here for easy reference. I am including a brief summary, the document or article source and size, and the link to download it.

### 1. *The Preservation of Recorded Sound Materials.*

This eight-page Note from the National Library of Canada contains information on cleaning and preserving sound recordings. Although some of the procedures are too costly and time consuming for many of us to use, the record cleaning information on page 4 using Tergitol is very useful. A web search on TALAS will lead you to a source for buying these products online.

[Canadian National Library.pdf](#) Size: 474 kB

### 2. *Removing Sibilance and Plosives.*

This page-and-a-half article is from the January 2008 issue of EQ Magazine. It is definitely an application note because it tells you exactly how to locate and attenuate or remove these artifacts with a sound editor. The download file is a bit large because it's a color scan but I think the color is important to a clear understanding of the screen photos.

[Sibilance.pdf](#) Size: 5 MB

### 3. *The Secrets of Home Baking.*

This mostly three page article is from the March 2008 issue of EQ Magazine. The title is perhaps misleading as this note discusses the baking of old reel-to-reel tape to help eliminate the problem of oxide-shedding. This can be a serious problem when trying to restore old (or ancient) reel-to-reel tapes because the glue that binds the iron oxide to the backing (the tape) absorbs moisture and the oxide sheds off onto the playback head. Fortunately, I didn't have this problem when I restored the 50 year old tapes (see Case Study 1) because they had mostly been stored in a very low humidity environment.

[Baking.pdf](#) Size 1.1 MB

Click [here](#) to download this chapter in *Adobe Acrobat* (pdf) format.

TDL® Technology, Inc.  
Las Cruces, New Mexico USA