



AES San Francisco 2012 Broadcast & Streaming Track Event B8

Saturday, October 27, 2:00 pm — 4:00 pm

Broadcast and Media Streaming: B8 - Loudness and Metadata—Living with the CALM Act

Chair:

Joel Spector, Freelance Television and Theater Sound Designer - Riverdale, NY, USA

Panelists:

Florian Camerer, ORF - Austrian TV - Vienna, Austria; EBU - European Broadcasting Union

Timothy J. Carroll, Linear Acoustic Inc. - Lancaster, PA, USA

Stephen Lyman, Dolby Laboratories - San Francisco, CA, USA

Robert Murch, Fox Television

Lon Neumann, Neumann Technologies - Sherman Oaks, CA, USA

Robert Seidel, CBS - New York, NY, USA

Jim Starzynski, NBC Universal - New York, NY, USA

Abstract:

The Commercial Advertising Loudness Mitigation (CALM) Act was signed by President Obama in 2011. Enforcement by the FCC will begin in December of this year.

Television broadcasters and Multi-Channel Video Program Distributors (MVPDs) are required to put in place procedures, software and hardware to “effectively control program-to-interstitial loudness ... and loudness management at the boundaries of programs and interstitial content.” Objective data must be supplied to the FCC to support compliance with the legislation as well as timely resolution of listener complaints. Similar rules have been developed in the UK and other parts of the world.

Members of our panel of experts have worked tirelessly to either create loudness control recommendations that have become the law or to bring those recommendations to implementation at the companies they represent. This session will cover the FCC’s Report and Order on the CALM Act, the development of the ATSC’s A/85 Recommended Practice that is now part of the U.S. legislation, and both domestic and European technical developments by major media distributors and P/LOUD.
