

SBE 70 M I N U T E S

Named SBE's "Best Chapter Newsletter"

Telos/Axia/Omnia Linear Acoustics	2101 Superior Ave Cleveland 44114	Gather at 7pm Meeting at 7:30pm	May 12, 2009 Vol. XVII Number 4
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MEETING DETAILS

Due to travel policy changes at Arbitron they had to cancel our planned meeting later this month. I think you will enjoy the replacement program even more! Thanks to Frank Foti and the everyone for helping us out on short notice, we will be meeting on our normal Tuesday May 12th at the Telos / Axia / Omnia / Linear Acoustic HQ at 2101 Superior Ave in beautiful downtown Cleveland.

Frank and the gang have a lot to show us. Every product line showed new stuff at NAB with a few award winners, too. We will also have a NAB show recap from anyone who made it and the folks from Telos et al. From what I've read about the new stuff it should be quite an evening. The times are standard too. Gather at 7 pm and our meeting will start at 7:30 followed by the new toys! Special thanks go out to Josh Talbot at Kent State University for the fine presentation he gave us in March of their new facilities, we were all impressed.

UNINTENDED CONSEQUENCES

When a hospital live shot could affect ER operations

The SBE Government Relations Committee (GRC) members monitor FCC actions for potential problems that you, the working broadcast engineer might face. Very recently, the GRC uncovered a proposed service that may seem harmless enough, but it has the potential for significant consequences to your use of 450 MHz Remote Pickup (RPU) spectrum.

On March 20, the FCC released a Notice of Proposed Rulemaking (NPRM), ET Docket 09-36, which proposes a medical micro-power network service (MMNS) using four 6-MHz wide channels in the 413-457 MHz range. One specific band, 451-457 MHz, is problematic for broadcasters, because it includes the 455-456 MHz RPU band. This micro-power service would use implanted neuromuscular stimulators that would communicate using the bands listed above.

While it sounds harmless, think about the next time your radio station broadcasts the morning show from

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Unintended Consequences (Continued from page 1)

the local children's hospital with a 455-456 MHz RPU...or the next time your TV station does a live shot near the local emergency room and uses a 455 MHz link for IFB.

The medical devices proposed in this rulemaking would be exceptionally low power and susceptible to interference. It's very possible that the lawfully operating remote broadcast RPU could inadvertently interfere with the medical device. The potential interference could have a detrimental effect on a patient, which reveals a great deal of potential liability for the station or you. Imagine checking with all the local health care facilities whenever you plan a 455 MHz remote.

It is unwise and maybe even unethical to use a Part 15 device or a secondary radio service for a medical application. The SBE therefore believes that the 451-457 MHz portion of this proposal needs to be deleted because the existing RPU use of the spectrum should preclude these devices in the proposed band.

The interference implications extend even further if the service proves to be an effective medical treatment. If approved for outpatient use, remotes at concerts, sports venues and political conventions could all have the potential to interrupt one of these medical systems.

The SBE is developing comments to this NPRM, and more information will be posted on the [SBE website](#). Because this proposed radio service may have an effect on your operations and to your remote broadcasts, you may want to consider your own response and advise your stations to take appropriate action to protect its operations.

Additional Resources:

["UNINTENDED CONSEQUENCES"](#) (link to the longer article on the SBE Web Site).

FCC Notice of Proposed Rulemaking on Docket 09-36:

http://fjallfoss.fcc.gov/edocs_public/attachmatch/FCC-09-20A1.pdf

Instructions and tips for submitting a filing to the FCC (ECFS):

<http://www.fcc.gov/cgb/ecfs/>

<http://www.fcc.gov/cgb/ecfs/ecfsmanual/chapter3.pdf>



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Making Digital Radio Work.

SBE Expands Educational Program

The Society of Broadcast Engineers will step up its educational program for members, following action by the Society's board of directors at its meeting at the 2009 NAB Show. The Board approved a plan that calls for the Society's education programs to triple by the end of 2012. The Society will add a full-time education director position to its national staff in Indianapolis to help facilitate the growth. The additional staff person will work with the Society's volunteer Education Committee to expand the Society's existing educational offerings into a comprehensive program geared towards working broadcast engineers and technicians. Courses and seminars will be offered online, as live or recorded webinars and in traditional in-person settings, with topics offered from basic to advanced levels.

One of the immediate targets of the effort will be to expand on the Society's SBE University, which opened on Jan. 1, 2009. The SBE University now includes four courses that are available online and on-demand. Participants may access the courses 24/7/365. The Society plans to have as many as 18 different SBE University courses available by 2012.

"The SBE has always been about education, since its founding in 1964. Our members and the industry have told us that they need more opportunities for continuing education to keep up with changing technology," said SBE President Barry Thomas, CPBE CBNT.



SBE 2009 Certification Exam Schedule



Exam Dates	Location	Application Deadline
April 21	NAB	Closed
June 5-15	Local Chapters	Closed
August 7-17	Local Chapters	June 5
November 6-16	Local Chapters	September 18

Rewrite the rules of the game.

If you've been waiting for the perfect ProHD Broadcast and Production Camcorder, here is a serious tool for the next generation for shooting HD news, sports, documentaries, multi-camera shows and indies. With 720/60P capture and recording capabilities, JVC's GY-HD250U delivers HD images needed for demanding ENG, EFP and studio use.

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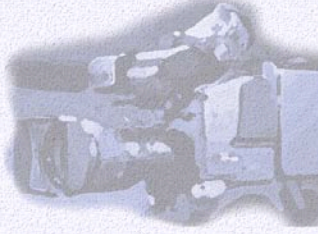
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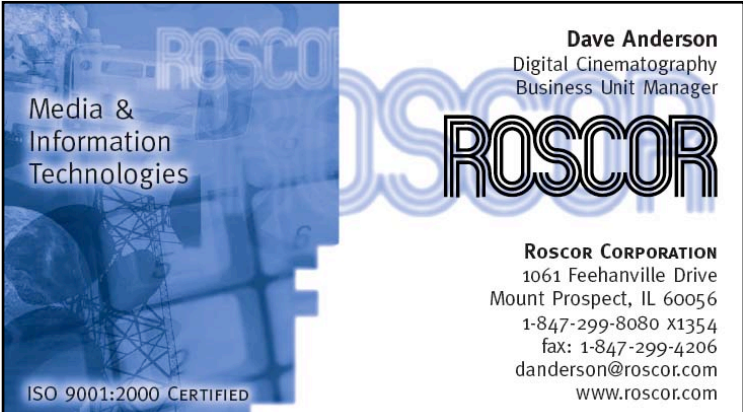
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