

SBE 70 M I N U T E S

Named SBE's "Best Chapter Newsletter"

Bird Technologies	30303 Aurora Road Solon 44139	Gather at 7pm Meeting at 7:30pm	November 2010 Vol. XVIII Number 10
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MEETING DETAILS FOR NOVEMBER

Hello to all SBE Chapter 70 members and friends. Big chapter thanks go out to Wayne & Greg Puntel, R. Frank Marsh Jr., and all the folks at Audio Craft for the fine 3DTV presentation. It was quite eye opening! We also enjoyed looking at all the old radio/audio gear after the show. Our next meeting will be on Nov. 7th at Bird Technologies located at 30303 Aurora Rd, Solon, OH 44139. They have helped us out at the last minute with a program on remote power monitoring and remote spectrum analysis along with RF power measurement basics. They also plan to test us again this year and the winner will receive a Bird 43 so please be prepared. Last year the test was based on general Cleveland and engineering knowledge, this year the test promises to be fun again. We will gather at our usual 7pm with the business meeting to start at 7:30. I'm sure there will also be some tours available after the presentation. See you there.

Don't forget time is running out on registering for the OAB/SBE/SMPTE Broadcast Engineering Conference in Columbus on Nov. 17th. We will have general presentations on the new EAS/CAP/IPAWS system from Kelly Williams of the NAB and a session on Tower Failures: causes and cures, from David Davis of ERI. The afternoon sessions include FM HD power hike techniques, maximizing TV Production Control Rooms, Efficient Maintenance with a shrinking budget, and Disaster Planning using IP, plus a few more. See all the info and register at - www.oab.org/engineering

Blake Thompson CBNT, SBE Chapter 70 Program Chair
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CHAIRMAN'S CHAT

by Ed Miller, CPBS

A big thank you to the gang at Audio Craft for hosting and presenting a program of technological insights into 3D HDTV Monitors. For those of you who missed the 3D demo at Audio Craft, you missed a very informative meeting. Special thanks to program presenter Kurt Geiger, our tour director Wayne Puntel, for a trip down memory lane (collection of vintage recording/presentation hardware), and to Greg Puntel and Frank March Jr. for their hospitality.



And while kudos are circulating, let's thank Dan Mammone for stepping forward to serve as Web Master for Chapter 70. Dan will be fine-tuning efforts to re-establish and register our homepage presence. This action will provide a well deserved break for our long-time "keeper" of the cyber domain, Ric Cicchinelli. Thanks Ric for a job well done!

And wait!...there's more...A thank you to Dave Bobco for volunteering to assume the duties of Treasurer of our chapter, Dave, with help from back-up Treasurer Blake Thompson, will have some big shoes to fill, replacing our very own "Uncle

(continued on page 2)

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Bill." With these key positions now filled, Chapter 70 is up to full-compliment and looking forward to a very productive and especially educational year ahead.

On the legislative front...September 30, 2010, the Federal Emergency Management Agency (FEMA) announced the adoption of major changes to the Emergency Alert System (EAS), incorporating a new digital messaging format, the Common Alerting Protocol (CAP). Broadcasters will have 180 days from the date of the announcement to comply with the new requirements.. Which means you have until **March 30, 2011** to comply with these new standards.

At the very minimum, stations must be able to receive and decode messages delivered using the CAP data protocol. A. There is concern that stations will be required to purchase equipment now that is capable of CAP with no assurance that the equipment will comply with required, imminent and perhaps inevitable changes to FCC rules that will make the next generation emergency communications system possible. Part 11 of the FCC Rules, EAS, has not been changed to fully incorporate the requirements that come with CAP but this may occur in the future, now that FEMA has approved the use of CAP 1.2. Unfortunately, EAS equipment available now may comply with the current FCC rules but may NOT comply with the new ones.

On October 22, 2010, The Society of Broadcast Engineers participated in a coalition of major broadcast industry groups that filed comments with the FCC to EB Docket 04-296, petitioning for an extension to the 180-day clock to become compliant with the recently announced changes to the EAS. The filing requested a six month extension to the 180 day clock.

The SBE, NAB, MSTV, PBS, NPR, and 46 state broadcaster associations and other major broadcast organizations were all co-signers to the filing. The group stated that the extension is necessary so that: a) equipment certification related to CAP can be accomplished and b) to allow time for rule-making to modify FCC Part 11 rules that incorporate the use of CAP.

Last meeting it was promised that the Northeast Ohio Frequency Database (below 1GHz.) would be available for your perusal. It represents about a year's worth of frequency collating, verifying, up-dating and key-stroking to assemble. Should anyone have a last-minute change, please e-mail me that information soonest or bring a list with you to our next meeting. As you all know this is and always will be a "work-in-progress" and it is only as accurate as the information you provide/verify... I thank you for your on-going efforts keeping the database honest.

And as a final note...since our chapter does not meet in the month of December, this will be our last 70 Minutes Newsletter for 2010. On behalf of the officers I want to extend to you the best for the up-coming Holiday Season. Stay well, stay busy, and stay safe! See you next year.

Edward J. Miller, CPBE
SBE National Past-President, SBE Fellow
SBE Chapter 70 Chairman

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OCTOBER MEETING AT AUDIO CRAFT



SBE Files to Extend 180 Day Clock

The Society of Broadcast Engineers participated in a coalition of major broadcast industry groups that filed comments on October 21 with the FCC to EB Docket 04-296, petitioning for an extension to the 180-day clock to become compliant with the recently announced changes to the EAS. The filing requested a six month extension to the 180 day clock. The SBE, NAB, MSTV, PBS, NPR, 46 state broadcaster associations and other major broadcast organizations were all co-signers to the filing.

The group stated that the extension is necessary so that:

- a) equipment certification related to CAP can be accomplished
- b) allow time for a rule-making to modify FCC Part 11 rules that incorporate the use of CAP

Without an extension, the 180 day clock is set to expire March 29, 2011. At that time, stations would need to have purchased and installed CAP-compliant equipment, capable of receiving CAP messages.

A copy of the [complete EAS filing](#) is available on the SBE website.

SBE also has a [FAQ on this subject](#) on the SBE website.



No meeting in December...

Enjoy the holidays!

SBE 2011 Certification Exam Schedule



Exam Dates	Location	Application Deadline
February 4-14	Local Chapters	December 31, 2010
April 12	NAB Convention	March 25, 2011
June 3-13	Local Chapters	April 15, 2011
August 5-15	Local Chapters	June 3, 2011
November	Local Chapters	TBA

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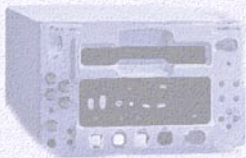
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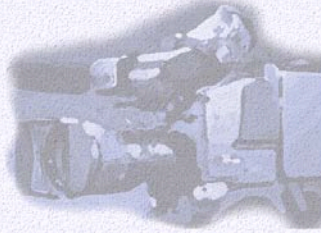
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