

Meeting Information

Our next meeting will be Tuesday, May 11 online at 6:30pm, the SBE Chapter 70 meeting will be at 7pm with a presentation to follow.

We invited our usual May hosts, the Telos Alliance! Kirk Harnack will be making a presentation for us on virtual mixing in the browser with a software audio console.

Our May meeting will again be virtual, via Zoom. Click on the link in the email with this newsletter. We will send out a reminder email this coming Tuesday morning.

Hope to see you on May 11,

-John Hovanec, CSRE/CBNT DRB AMD SBE Chapter 70 Program Chair



The Chairman's Chat

Hello all members and friends of SBE Chapter 70. First up I want to thank our own Jim Baird, and the NFL, for the program on Intermodulation in RF signals. The main take-away is to remember with RF: proximity and harmonics are the main creators of interference. It makes you appreciate how the Superbowl or those huge Broadway type tours with dozens of mics active can make it work. Check out the pix on page 3 for examples.

A reminder from the SBE about the failed IPAWS test on April 26th. When FEMA issues an IPAWS test or alert it includes a "signature certificate." This operates similar to a password for accessing different sites or files on a computer. In the case of a message from FEMA, a message without a correct signature the EAS device should ignore the message.

On April 26, 2021, the Required Weekly Test (RWT) from IPAWS was transmitted with an incorrect signature. The test messages had a mismatch between the digest inside the message, and the digest computed by receivers. This is a part of the validation for an alert, and checking it is required by FCC Rule 11.56(c): "EAS Participants shall configure their systems to reject all CAP-formatted EAS messages that include an invalid digital signature." Stations should insert

Chairman's Chat ((Continued from page 1)

a note in the Station Log indicating the failed test and the reason for failure. More info at - http://sbe.org/april2021ipaws.rwt/

The 2021 IP Networking series continues with **Module 5: Cybersecurity – Principles and Concepts** on Thursday, May 20, 2021. Part 5 of the series will focus on understanding the principles and concepts of cybersecurity. Topics to be covered include: Understanding the NIST framework; practical NIST framework implementation; cybersecurity risks, threats and vulnerabilities. Cybersecurity principles will be discussed including minimum attack surface, least privilege, defense-indepth and deny-by-default. Other topics covered include the security audit, security policies and understanding cybersecurity threats: DoS, DDoS and Malware. Mitigating cybersecurity threats is also covered.

Thanks,

Blake E. Thompson CBNT BET Broadcast Engineering SBE Chapter 70 Chairman OAB ABIP Inspector



2021 Exam Schedule

Exam Dates	Location	Appication Dates
February 5-15, 2021	Local Chapters	Closed
June 4-14, 2021	Local Chapters	Closed
August 6-16, 2021	Local Chapters	June 11, 2021
November 5-15, 2021	Local Chapters	September 10, 2021

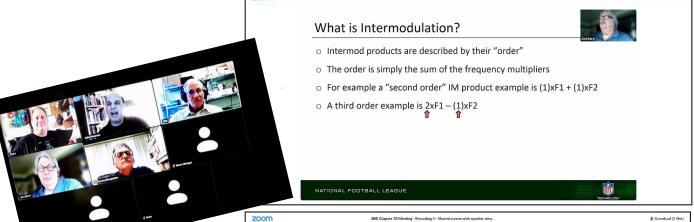


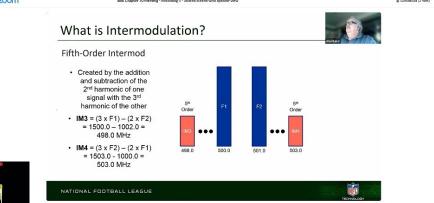
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April Meeting in Pictures















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