



CHAPTER 24

SOCIETY OF BROADCAST ENGINEERS
AN AWARD WINNING NEWSLETTER

MADISON, WISCONSIN

SEPTEMBER 1991

AUGUST MINUTES

Chapter 24 of the Society of Broadcast Engineers met on Wednesday August 21, 1991 for its regular monthly meeting at Corby's Restaurant in Madison. The attendance of the August meeting included 25 SBE members, 21 who were certified, and 3 guests for a total attendance of 28.

The meeting was called to order at 7:09 p.m. by Vice Chairman Leonard Charles who was filling in for Chairman Jim Hermanson.

Secretary Fred Sperry read the minutes of the July meeting. The minutes were approved as read.

Treasurer Paul Stoffel reported the chapter's account balance.

Strategic Planning Chairman Dennis Behr announced that he is looking for volunteers to join the Strategic Planning Committee. He also mentioned that he recently had the opportunity to meet with SBE's National Secretary Paul Lentz to discuss some issues at a National level.

In other Strategic Planning business, Dennis is looking for a volunteer to coordinate the distribution of training tapes between the local stations. Anyone interested should contact him. He also suggested the formation of a Goodwill Chairman to send out sympathy cards to Chapter 24 SBE members when appropriate.

At this time Vice Chairman Leonard Charles took the opportunity to congratulate Paul Stoffel for his work on articles he submitted last month to

SEPTEMBER MEETING

DATE: September 18, 1991
AT: CORBY'S
Nakoma Plaza
4541 W. Beltline Hwy.
DINNER: 5:30 P.M.
MEETING: 7:00 P.M.
PROGRAM: 7:30 P.M.

This month's program will be a presentation by Panasonic on the very latest in digital tape recording: the DX 1/2 inch. Please try to attend this month's meeting.

the newsletter regarding the SBE National.

Leonard Charles then announced in Newsletter Editor Deanna Morris' absence that the deadline for articles submitted for next month's newsletter was September first.

Program Chairman Dave Willow mentioned that he has copies of a document obtained after a recent tour of Cellular One on the grounding system used at their sites. Anyone interested in a copy should contact Dave. He then mentioned that the September meeting would be on Panasonic's Digital Video Recorders.

Certification and Education Chairmen Doug McDonell and Tim Trent then presented two SBE certificates from the June exam. A TV Broadcast Engineer certificate was presented to Ed Dumholt. An AM/FM Senior Broadcast Engineer certificate was then presented to John Bauer.

(cont'd pg. 3, col. 1)

UPCOMING MEETINGS

October 15
November 20
December 19

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FCC NEWS

(Editor's note: The Chapter 24 newsletter is still looking for a new FCC News columnist. If you are interested, please contact the editor.)

by Leonard Charles

Political Ads

A group of 14 Georgia politicians have filed a complaint with the FCC seeking to revoke the license of WJBF-TV of Augusta, GA. The group is attempting to recoup what it calls overcharges on political campaign advertising.

Ownership Rules

Senate Commerce Committee Chair Ernest Hollings is concerned about the FCC's review of its TV ownership rules. Hollings sent a letter to the commission stating his opinion that national multiple ownership limits and the newspaper broadcast crossownership ban are well considered and effective rules.

The FCC has opened a rulemaking to determine whether satellite TV stations should be subject to national station ownership limits. This is in light of new rules allowing satellites to originate an unlimited amount of programming.

Cable Regulations

A group of cable operators are filing for reconsideration asking the FCC to make changes in its cable re-regulation proposals that would make it easier for systems to meet the six-signal test by including low power, translators and

noncommercial stations in the count. The Community Antenna Television Association also asked the Commission to exempt rural area systems with a high concentration of home satellite dishes.

DAB & HDTV

Terry Haines, chief of staff of FCC Chair Alfred Sikes, says it is likely the FCC will set aside new AM and HDTV channels exclusively for incumbent broadcasters. Further, it is likely a portion of the new DAB spectrum will be set aside for existing AM and FM broadcaster looking to upgrade to digital. This would be the first time in broadcasting history when not everyone would have a shot at new channels.

Murder Hoax

Infinity Broadcasting President Mel Karmazin appeared before the FCC to answer questions from FCC attorneys concerning KROQ-FM, Los Angeles; specifically, the stations murder hoax broadcast. The session was closed to reporters.

Ch. 52 for DAB Test

If the FCC approves, the NAB will use 701 MHz (UHF ch. 52) to provide a mobile demonstration of the Eureka 147 DAB system during the 1991 Radio convention in San Francisco, September 11 thru 14.

(Excerpts from Broadcasting Magazine)

CHAPTER 24 OFFICERS

CHAIRMAN:

Jim Hermanson (WTSO/WZEE/
WKOW TV)
W - 274-1234
H - 231-2005

VICE CHAIRMAN:

Leonard Charles (WISC TV)
W - 271-4321
H - 274-0041

SECRETARY:

Fred Sperry (WI Public TV/TOC)
W - 273-5500
H - 833-6074

TREASURER:

Paul Stoffel (WI Public TV)
W - 263-2121
H - 241-4621

CHAPTER 24 COMMITTEE APPOINTEES

Past Chairman - Steve Zimmerman
Membership - John Beck
Sustaining Membership - Stan Scharch
Strategic Plan - Denny Behr (Chair)
Newsletter - Deanna Morris
Program Chairman - Dave Willow
Special Events - Kevin Ruppert
Cert/Ed - Doug McDonnell/Tim Trendt
Frequency Coord - Chris Cain
Chapter Liason - Paul Meyer

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Suite 222
Rosemont, IL 60018(708) 803-8080
TELEFAX (708) 803-8627**MINUTES***(cont'd from pg. 1)*

Doug then announced that the individual responsible for designing the grounding system used by Cellular One is scheduled to give a presentation at this year's Broadcast Clinic. Doug then gave a summary of the fish fry which took place at his house at the end of July.

Leonard Charles then reported for Frequency Coordinator Chris Cain that there is now available a list of all frequencies now in use by all local stations.

Chapter Liaison Paul Meyer had no new business to report.

Vice Chairman Leonard Charles then announced that no scholarship applications for the SBE convention in Houston have been submitted. The deadline has been extended. Anyone interested in this scholarship should contact him.

There was no old business to report.

In new business, Paul Stoffel thanked Doug McDonell for once again hosting this year's annual Chapter 24 fish fry. Paul also mentioned that the National has a list available of companies that would be interested in giving presentations at local SBE meetings. Paul then announced that he would be willing to take on the responsibilities as Goodwill Chairman.

In professional announcements, Dennis Behr introduced Ron Peterson who is presently working at the TOC as an engineering intern. Ron then presented a brief background on himself and indicated that following his twelve week internship at the TOC he

ROSCORSteve Peck
Sales RepresentativeRoscor Wisconsin
2510 Green Ridge Drive
Madison, WI 53704
Phone: 608-242-1575**DISTINGUISHED SERVICE**

The annual Chapter 24 Distinguished Service Award for 1991 was given to Kevin Ruppert at the Chapter's July meeting. The award is to recognize services rendered by a member to the Chapter above and beyond the normal participation in Chapter activities. Kevin has served as our program Chairman for the past two years and is currently co-chair of that committee. Congratulations and thanks for the extra effort Kevin!

will be a graduate of the satellite program at Mitchell Vocational Technical Institute in Mitchell, South Dakota. At this point he will be seeking employment in the area of satellite communications or in an associated broadcast field.

At this time Program Chairman Dave Willow introduced Scott Martin from Fidelpac who gave a presentation and demonstration of a prototype Digital Audio Cart Machine.

Fred Sperry,
Secretary


POSITION AVAILABLE

Wisconsin Public Television (Vilas Hall) is looking for part time (LTE) engineer. Work centered around Friday/Saturday sports remotes. Duties can include audio, video, and videotape setup and operation. For additional information call Ken Dixon at (608) 263-2131 or send resume to Wisconsin Public Television, 821 University Avenue, Madison, WI 53708.

**POSITION SOUGHT**

Upon completion of my internship at Wisconsin Public Television in October, I will be seeking employment as an entry level Broadcast Engineer or Master Control Operator. I have an Associate Degree in Satellite Communications and 20 years experience in teaching math and computers at a secondary level. Please contact Mr. Ronald Peterson at (608) 838-8858 or (608) 273-5533.

1121 RIVERWOOD DRIVE
BURNVILLE, MN 55337
(612) 890-8920



KEITH EMMONS

SCHOLARSHIP UPDATE

The deadline for the Chapter 24 annual scholarship to the national convention will definitely be September 15. The scholarship is open to all non-elected officer members of Chapter 24 and is a \$300 cash prize to assist the winner in the trip to the national convention, this year in Houston.

The deadline will be enforced to enable the awarding of this year's scholarship at the Chapter's September meeting. All entries must be received by Leonard Charles at WISC-TV, 7025 Raymond Road, Madison, WI 53719, in the form of a letter or you may fax your letter to Leonard at 608-271-1709.

RADIO

by Stan Sarch

Citation Insurance

A Modulation Monitor manufacturer has announced that it is offering a special guarantee for users of its "ModMinder" FM modulation monitor. Eric Small of Modulation Sciences, says that if a station meets certain requirements (including the purchase of required hardware), Modulation Sciences will pay defense costs and any fines in the event the FCC issues a citation for overmodulation.

DAT Growth

Sheer and Chaskelson Research has published a report showing that 22.1 percent of the professional audio market—mostly commercial recording users, already own DAT equipment. The report further shows that by 1993 60 percent plan to own DAT equipment. Most of the growth is expected to occur in the radio station portion of that market.



Disney DAB

Walt Disney world has asked the FCC for permission to test in-band FM DAB. The firm plans to test on 107.5 in Columbia, Florida from the same tower as its own existing experimental 107.9 conventional FM. Disney hopes to test for adjacent channel effects.

(Excerpts from Radio World)

CHAPTER 24 SUSTAINING MEMBERS

3M Professional Audio/Video
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Broadcast Communications
Video Images
Todd Communications
Roscor Wisconsin
Electronic Industries
Wis. School of Electronics
Maney Logic
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The Mobile Telephone Company

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SONY

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AMATEUR RADIO NEWS

(Take Note: Hams can talk to other SBE members on the second Sunday of every month on 14.205 MHz USB at 0000 Zulu-7 p.m. CDT)

by Tom Weeden, WJ9H

1992 WARC

In preparations for the 1992 World Administrative Radio Conference (WARC), the FCC adopted its recommendations for US proposals to be presented at the conference.

The recommendations include realignment of the amateur and short-wave broadcast bands at 7 MHz to eliminate their overlap, while retaining the 300 kHz of amateur bandwidth. The FCC will propose to shift the 40 meter amateur band down 100 kHz from 7000-7300 to 6900-7200 kHz, and shift broadcasters up 100 kHz. The shifts would take place in 2007 to give broadcasters 15 years to make the changes in their facilities.

One other recommendation would affect the secondary status of the amateur 2.300 - 2.430 GHz band, a portion of which is being eyed for terrestrial and satellite digital audio broadcasting (DAB).

Tower Litigation

An Ohio ham has won the right to install an antenna atop a 30-foot mast after a four-year battle with his city's Board of Zoning Appeals.


Jim MacMillan, WA8ZHN, sued the city of Rocky River when its board refused to grant him a permit for a tower. A US district court judge ordered the city to reconsider the application, citing FCC regulation PRB-1 which pre-empts overly restrictive local zoning regulations regarding amateur radio antennas and towers. MacMillan's attorney said, "This must be the shortest tower ever litigated."

Enforcement

FCC Chairman Alfred Sikes has renewed his pledge to follow a policy of strict enforcement in a May 22 statement to the Senate Communications Subcommittee.

Sikes cited the Commission's targeting of unlicensed land mobile and shortwave broadcast stations, "leaky" cable TV systems which have been shut down, fines against computer manufacturers for selling non-approved systems causing RF interference, and tower lighting inspections.

Technician's License Apps Up
The "Westlink Report" says that applications for the Technician license



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are up 1250% in May, compared with 1990. Now that the Morse Code exam is no longer required for the Tech, many are taking advantage of it.

Also noted in the report is that upgrades to General class, which does require a Morse exam, are up 47% from last year.

A recent sampling of new amateurs in Wisconsin shows 54 new Novices, 105 Technicians, only one each General and Advanced, and no Extras.

(From August 1991 "QST" and "Badger State Smoke Signals")

ARTICLE IDEAS????
ADDRESS CHANGE???

Contact the Editor at:
 50 Schroeder Ct. #108
 Madison, WI 53711

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OCTOBER 2-5TH

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CONVENTION CENTER

SBE '91

What does the future of technology have in store for you? The rapid changes in this business make it tough to be a broadcast engineer. To be successful you need to keep up with the changing technology and stay ahead of the game. You can achieve this by attending the 1991 SBE National Convention and Broadcast Engineering Conference.

The SBE convention provides seminars, Ennes educational workshops and more than 250 exhibits! All of these are designed

to keep you on top of new products and technology.

One of the best resources of technological advances lies within NASA's mission control Center. Join SBE in our tour of Mission Control and the Lyndon B. Johnson Space Center and see what the future has in store for you!

Be a leader in the industry and stay ahead of the game at the 1991 SBE Convention and Broadcast Engineering Conference, October 2-5th. Call SBE for more information: 317-253-0122.

NEW HOME

The corporate headquarters of Broadcast Communications is now located at :

98 Hwy. 69, P.O. Box 730
New Glarus, WI 53574-0730
(608) 527-5670
(608) 527-5674 Fax

The move was necessary due to the firm's service growth.

CHAPTER 24 NEWSLETTER

(ASCII text message on BBS at 608-274-7776)

Edited by: Deanna Morris

Contributors this month: Dennis Behr, Leonard Charles, Ken Dixon, Jim Hermanson, Kevin Ruppert, Stan Sarch, Fred Sperry, and Tom Weeden

Articles Welcome!! Send correspondence to:

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