

INGRAM TO LEAVE

The Society of Broadcast Engineers announced, on May 28, that Stephen L. Ingram, Executive Director, will be leaving SBE in October to pursue other opportunities. Richard Farquhar, SBE President, praised Ingram's efforts during the past two years, and pointed to accomplishments in recruitment and training of office staff, personnel management, relations with other organizations facilitating the strategic planning process, promoting board and committee involvement, and more efficient relationships with the hospitality and travel industry.

Farquhar stated that Ingram will continue to coordinate the planning effort for the SBE convention to be held in San Jose in October. He will also assist the SBE Board in the recruiting process for a new Executive Director.

The SBE represents over 6000 persons in the communications field.

WMAD PULLS PLUG

Sun Prairie radio station WMAD-FM abruptly went off the air on Tuesday, June 2. The decision was made by the owners, the Bank of Sun Prairie, which took control of the financially troubled station last fall.

WMAD, which had a rock-and-roll format on 92.1-FM and a 1940's-'50s format on 1190-AM, was taken over by the bank last year when the stations previous owner was unable to pay back taxes.

from The Wisconsin State Journal

JUNE MEETING

DATE: Thursday, June 18, 1992
AT: Shakey's Pizza & Buffet
714 S. Gammon Rd.
Madison, WI
Lunch: Noon
GENERAL MEETING

Join Chapter 24 this month for lunch at Shakey's followed by a brief business meeting. It is an opportunity for those members who otherwise could not attend an evening meeting. Come meet the newly elected officers and committee chairs.

MAY MINUTES

Chapter 24 of the Society of Broadcast Engineers met on Wednesday, May 20, 1992 at the Brat & Brau restaurant on Madison's Westside for its regular monthly meeting. The meeting then reconvened for a tour of Pro Video, Bob Abella studios, and WOLX radio in Madison. The business meeting took place following the tour.

The attendance of the May meeting included 17 SBE members, 9 who were certified, and 2 guests for a total attendance of 19. The meeting was called to order at 9:12 PM by Chairman Jim Hermanson. Secretary Fred Sperry read the minutes of the April meeting. The minutes were approved as read.

Chairman Jim Hermanson then congratulated the recently elected slate of Chapter 24 officers and an-

(cont'd on pg. 2, col. 1)

UPCOMING MEETINGS

Tuesday, July 21
Wednesday, August 19
Thursday, September 17

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CHAPTER 24

MINUTES

(cont'd from pg. 1)

nounced that these officers would be meeting in the near future to select committee appointees for Chapter 24.

Treasurer Paul Stoffel then reported the Chapter's account balance.

Sustaining Membership Chairman Stan Sarch announced that Video Images and Roscor of Wisconsin were two recent renewals. Stan also mentioned that Michael Kerry of Swiderski Electronics in Milwaukee had recently become a new sustaining member.

In strategic planning news, Steve Zimmerman announced some of the Strategic Planning Committees ideas for future activities including trips to area SBE Chapter meetings, social breakfasts, and possibly a basic computer course.

Certification and Education Chairman Doug McDonnell announced that the June exam date had been set and that the next opportunity to take the test would be at this year's National SBE convention in San Jose and later this Fall here in Madison.

In Frequency Coordination news, Chairman Jim Hermanson mentioned that a 950 MHz hop between Baraboo and Wisconsin Dells was being coordinated. Vice Chairman Leonard Charles had copies of the latest list of local radio and TV frequencies from Chris Cain.

There was no old business.

In new business, Chairman Jim Hermanson thanked Pro Video, Abella Studios, and WOLX for the tour of their facility along with their hospitality by providing our Chapter with a meeting place and refreshments.

Jim then reminded everyone of this year's WBA conference taking

place in Wisconsin Dells on July 15th.

There were no personnel announcements.

In professional announcements, Fred Sperry announced that Gary Bleskachek had joined the TOC Engineering staff on a limited term basis. Gary also works part-time in the engineering department at Channel 27.

At this time, Chairman Jim Hermanson introduced Terry Baun of Chapter 28 in Milwaukee who holds a position on the SBE National Board of Directors. Jim mentioned that Terry is now our official liaison with the National SBE. Terry then spoke on issues regarding the National and answered questions from those present.

Following this discussion, the Chapter voted on a proposal to make a contribution to a SBE member in Virginia who was having some financial difficulties due to some major surgery. It was overwhelmingly voted upon that our Chapter contribute \$100.00 to the American Liver Transplant Fund in this individual's name which will directly benefit his situation. Other Chapter's, such as Chapter 28 in Milwaukee, have made similar contributions.

At this time the meeting was adjourned.

— Fred Sperry, Secretary

PAGE 2

CHAPTER 24 OFFICERS

CHAIRMAN:

Jim Hermanson (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 - Leonard Charles
Sustaining Membership - Stan Sarch
Strategic Plan - Denny Behr (Chair)
Newsletter - Paul Stoffel
Program Chairman - Steve Zimmerman
Special Events - Kevin Ruppert
Cert/Ed - Doug McDonnell/Tim Trendt
Chapter Liason - Steve Peck

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TWO GIGAHERTZ FIXED MICROWAVE LICENSING POLICY

From Doug McDonell
Public Notice, May 14, 1992

On January 16, 1992, the Commission adopted a Notice of Proposed Rule Making (Notice) in ET Docket 92-9 that proposes to allocate spectrum for emerging telecommunications technologies. The frequencies at issue currently are used for fixed microwave operation and include 1850-1990, 2110-2130/2160-2180, and 2130-2150/2180-2200 MHz. In the Notice the Commission stated that its goal is to ensure the availability of the existing vacant 2 GHz spectrum in these bands for the development of the new services and to discourage possible speculative fixed service applications for this spectrum. Therefore, applications for new fixed facilities submitted after the adoption date of the Notice will be granted on a secondary basis only, conditioned upon the outcome of the proceeding.

In the initial implementation of this policy, the conditional secondary status was applied to all major modifications to existing 2 GHz construction authorizations or licenses, in accordance with 47 C.F.R. §§ 1.962 and 21.27. We recognize, however, that most major modifications will not significantly affect the use and availability of existing 2 GHz spectrum. Therefore, the conditional secondary status will not be applied to modifications of facilities licensed prior to January 16, 1992, including:

- o Any change in antenna azimuth;
- o Any change in antenna beam width;
- o Any change in channel loading;
- o Any change in emission;
- o Any change in station location;
- o Any change in ownership or control;
- o Any increase in antenna height;
- o Any increase in authorized power;
- o Any reduction in authorized frequencies; and
- o Any addition of frequencies not in the 2 GHz band.

We also believe the conditional secondary status should not be applied in certain situations where additional links may be required to complete a communications network, or where new facilities and/or frequencies are operationally connected to a system, licensed prior to January 16, 1992. In these instances, we will not apply the secondary conditional status when the applicant makes a valid showing of its need for the facilities.

Construction authorizations or licenses granted as a result of an application filed subsequent to the Notice and bearing the secondary-use special condition will, as appropriate, be modified to conform with this current policy and will be reissued on our own motion. In cases where the secondary condition remains applicable, applicants may, if they believe circumstances warrant, file the above described showing and request the condition be removed.

For further information concerning the Public Notice contact Mike Hayden, Chief, Microwave Branch, Private Radio Bureau at (717) 337-1421; Robert James, Chief, Domestic Radio Branch, Common Carrier Bureau at (202) 634-1706; or Fred Thomas at (202) 653-8117, Office of Engineering and Technology.

CHAPTER 24 SUSTAINING MEMBERS

Our latest renewals are:

Todd Communications
Video Images
Fuji Film I&J

Swiderski Electronics
Roscor Wisconsin
Electronic Industries
Maney Logic
WMTV 15
WKOW TV 27
Anixter
The Tape Company
Emmons Associates
Panasonic Broadcast
Communication Technologies Inc.
WMMM-FM
3M Professional Audio/Video
Skyline Communications
Broadcast Communications
Scharch Electronics
WISC TV 3
Sony Broadcast



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AMATEUR RADIO NEWS

by Tom Weeden, WJ9H

- Space shuttle mission STS-50 is scheduled for launch Tuesday, June 9, with two newly licensed amateurs aboard. Commander Richard Richards and Mission Specialist Dr. Ellen Baker recently passed their amateur exams and hope to receive their licenses by launch time. The crew plans to operate 2-meter FM, packet radio, slow-scan television, and receive-only standard fast-scan TV.

- The FCC's various bureaus, including the Private Radio Bureau, were granted authorization April 15 to directly levy higher monetary fines in their enforcement actions. QST magazine reports the commission has issued Notices of Apparent Liability (NALs) in the range of \$8,000 to \$10,000 involving amateur radio. NALs have been issued to non-amateurs operating illegally on amateur frequencies, as well as to amateurs operating unlawfully on public service and broadcast frequencies.

- Field Day, amateur radio's most popular operating event, happens this year on the weekend of June 27-28. Individuals and radio clubs throughout the US and Canada will operate from temporary locations, sharpening their technical and operating skills during this event which simulates emergency operation. Tens of thousands of ham radio operators participate annually.

(Excerpts from June 1992 QST magazine)

RADIO....

By Stan Sarch

- The FCC says that mobile monitoring will be discontinued. According to Richard Smith, chief of the Field Operations Bureau, the commission will be conducting audits of broadcasters instead of site visits. Mobile monitoring is too expensive. Additionally the FCC will be more involved in non-technical areas such as Local Marketing Agreements (LMAs).

- The Denon/NAB TU-680 Supertuner was not at NAB '92 as promised. The latest word is that it will be ready for production later this year. The big holdup is chip production.

- Digital cable radio is now available in locations throughout the U.S. The promoters of the system are encouraging local broadcasters to become involved by making their own signal available to each cable head end. (Editors note: See related story about TCI Cablevision's Digital Music Express.)

- USA Digital has successfully tested their on-channel FM DAB process. The receiver is said to utilize a single chip for the digital decode. Recent studies show that in-band DAB systems cause more adjacent channel interference than originally reported. The NRSC says that "ID Logic B" is the format ID system being considered for AM at the same time that RDS is considered for FM. ID Logic B is based on activation of a database already present in the receiver. RDS uses an FM subcarrier from each station as its data source.

(Excerpts from Radio World)

TV NEWS

by Kevin Ruppert

Scalable, digital video is getting a closer look by broadcasters as high definition broadcasting comes closer to reality. The movement has been away from analog systems originally proposed for HDTV to a new generation of all-digital systems now being tested at the Advanced Television Test Center. Results of tests at the Center will play an important role in the selection by the FCC of an American HDTV television transmission standard.

FCC Chairman Alfred Sikes cited scalability, extensibility and interoperability-terms derived from the computer industry-as important new criteria to be added to the HDTV selection process. In a scalable video system, the aspect ratio, number of frames per second and the number of scan lines can be adjusted on-the-fly to the requirements of the individual picture, TV receiver or the viewer's choice.

Extensibility means that a new system must be able to operate on diverse display technologies and be adaptable for future higher resolution displays.

Interoperability means that a system could function at any frame rate on a variety of display devices. Sikes also stated that the adoption of a scalable digital transmission system "absolutely has the potential" of speeding up the conversion of NTSC to a new advanced digital HDTV system.



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Account Manager
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AWARD NOMINEES

from Jim Hermanson, Chairman, Chapter 24

Chapter 24 will be applying for six National SBE Awards this year. At a recent meeting, the four elected officers nominated the following areas and/or chapter members:

1. Best Technical Article/Program by SBE Member-Paul Stoffel's two-part newsletter article, "The FCC Was In Town" and "More From The FCC Visit", December, 1991 and January, 1992 newsletters respectively.
2. Best Non-Technical article/program by SBE Member-Paul Stoffel's November, 1991 newsletter article entitled "An EBS Review"
3. Best Article, Paper, or Program by a Student Member-Rob Hagen's June, 1991 newsletter article entitled "Investigating 3M"
4. Best Chapter Frequency Coordination Effort-Chris Cain
5. Best Chapter Newsletter
6. Best Chapter Newsletter Editor-Deanna Morris

Congratulations Nominees!!!!



TCI DELIVERS DIGITAL MUSIC

by Paul Stoffel

Subscribers to TCI Cablevision of Wisconsin can now hook up to DMX (Digital Music Express), a digital audio service that provides 30 music channels—everything from rock to religion.

The digital music service, uplinked from Atlanta, is received by TCI via satellite and distributed throughout TCI's cable TV system. A DMX tuner connects to a subscriber's home stereo system.

The charge for monthly rental of the tuner and remote control, plus the monthly DMX music service, is \$9.95. Also available is a DJ remote control for an extra \$2.95 a month. The DJ is an interactive remote control with an LCD display that informs the listener about a particular song title, album title, musician, etc. The tuner and remote controls are also available for purchase.

According to a TCI sales supervisor, there are no current plans to add any local broadcast radio station signals to the list of DMX channel selections.

TCI Cablevision is also working on plans to incorporate fiber optics into their signal distribution system—primarily replacing the main trunk lines.

DATABASE ADDITIONS

by Leonard Charles

The Chapter 24 membership database has been expanded. Now available to you is a listing of your attendance at local monthly meetings. This will be especially helpful when applying for certification or re-certification.

Also available is a listing of past Program topics of the Chapter's local meetings and overall attendance figures. Samples of the print-outs will be displayed at the June meeting. If you would like your individual stats, contact Leonard Charles at WISC TV 271-4321. The data dates back to May of 1990. Earlier data will be added as it is located.

LOCAL LEGALS

Info from Doug McDonell

- VHF TV Translator Low Power Broadcast application accepted for filing: W11CE, Channel 11. Voluntary assignment of construction permit from Skywave Communications Corporation to CDO Communications Corporation on May 26, 1992.
- FM broadcast station application accepted for filing: WY2M, 105.1 MHz. Voluntary assignment of construction permit of new station from Dale A. Ganske to Janice and Ronald Fedler on May 26, 1992.
- Aural STL application for license or license modification accepted for filing: WY2M-FM, Waunakee, WI on May 11, 1992.

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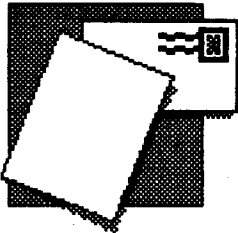
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Chapter 24 joins other SBE Chapters across the country taking part in helping raise money for the liver transplant fund for SBE member Charles Stutsman by donating 100 dollars.

Stutsman is employed by WAVY-TV in Tidewater, Virginia and is past chairman of SBE Chapter 54.

Individuals and businesses can contribute money to the fund by writing to: American Liver Fund, 1425 Pompton Avenue, Cedar Grove, New Jersey 07009-9990. Indicate on the check or with a letter that the money is for the Charles Stutsman liver fund.

According to the National SBE office, the cost for the transplant could reach 30,000 dollars. The fund will help defray any costs not covered by insurance.



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Monday June 15, 1992
Starting at Noon in Salon G
Holiday Inn Madison West

- PROGRAM -

Broadcast Communications Serves the Lunch
- Lemon Pepper Chicken -

Boneless chicken breast broiled with tangy lemon pepper seasoning.
Includes salad, fresh vegetables, potatoes, rolls & butter, dessert
And your choice of coffee, tea, decaffeinated coffee, or milk.

A Little Bit About Broadcast Communications
Todd S. Klassy

Our Thoughts About Madison's Candelabra Project And How We Can Help
John Crooks & Rob Leacock

Round Table Discussion
Questions & Answers

To Reserve Your Seat At This Meeting
Or For More Information
Please Call
TODD S. KLASSY
Phone: 1-608-527-5570

1992 SBE Chapter 24 Picnic

WHEN: July 18, 1992

WHEN: Saturday afternoon and evening

WHERE: West side of beautiful Lake Waubesa

WHERE: 2830 Waubesa Avenue

WHERE: First house south of the boat landing at Goodland Park

WHERE: Park Street south of the beltline; McCoy Road exit; McCoy Road east to County MM; south one mile on MM to Goodland Park Road: turn left and follow the signs to Goodland Park; turn right on Waubesa Avenue through the park.

MENU: Kentucky Lake Catfish and crappie; Hush Puppies; Cole Slaw, etc....OR...

MENU: A couple of Weber-style grills will be set up, ready to cook whatever you wish to bring.

DRINKS: Because of liquor liability laws, all alcoholic beverages are BYOB. Ice and coolers will be available to keep your beverages cold. Please also bring your own soft drinks, etc.

BRING: A salad or other goodies will add to the festivities. Not required, but appreciated.

FAMILY: Of Course! Goodland Park, with swings, slides and other toys, is right next door. The swimming beach is 300 feet away.

BOATS: Arrive by water, if you wish. Goodland Park is approximately two-thirds of the length of the lake, south of the Yahara River entrance to Lake Waubesa on the west side of the lake.

TIME: Come early, if you wish. Grills will be ready to go around 5:00 PM. First fish will be ready to be served around 5:30 PM. Cooking will continue until all are satisfied or the fish is gone.

RAIN: It would not dare to rain. IF the weather is extremely bad, a rain date of July 25, 1992, is possible.

CALL: In order to know how much fish to prepare, I would appreciate a call at 222-1580 with the number of fish eaters in your group. The machine is on, so leave your name and the number of people.

REMINDER



The Fourth Annual Wisconsin Broadcasters Association Summer Engineering Seminar and Statewide SBE Meeting is July 15, 1992 at the Chula Vista Resort in the Wisconsin Dells. Registration for the full conference is \$40, which includes the full day of technical sessions, the SBE luncheon, exhibits, reception, and the WBA Opening Banquet. Or, if you prefer, attend only the conference sessions and the SBE luncheon for \$25. To register, send your check for \$40 or \$25 per attendee before June 30, 1992 to: WBA, 44 East Mifflin Street, Suite 205, Madison WI 53703. Note: On-site registration will also be available between 8:00-8:30AM, but please call WBA to reserve your place (608) 255-2600.

The 1992 Certification Exam dates:

Test Date	Location	Application Date
October 16	SBE Convention San Jose	August 14
November 6-16	Local Chapter	September 11



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CHAPTER 24 NEWSLETTER

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

Edited by: Paul Stoffel and Jim Hermanson

Contributors this month: Leonard Charles, Jim Hermanson, Doug McDonell, Kevin Rupperl, Stan Scharch, Fred Sperry, Paul Stoffel, Tom Weeden

Articles Welcome!! Send correspondence to:

Chapter 24 Newsletter
3538 Concord Avenue
Madison, WI 53714
or call (608) 241-4621 (home) or (608) 263-2175 (work)

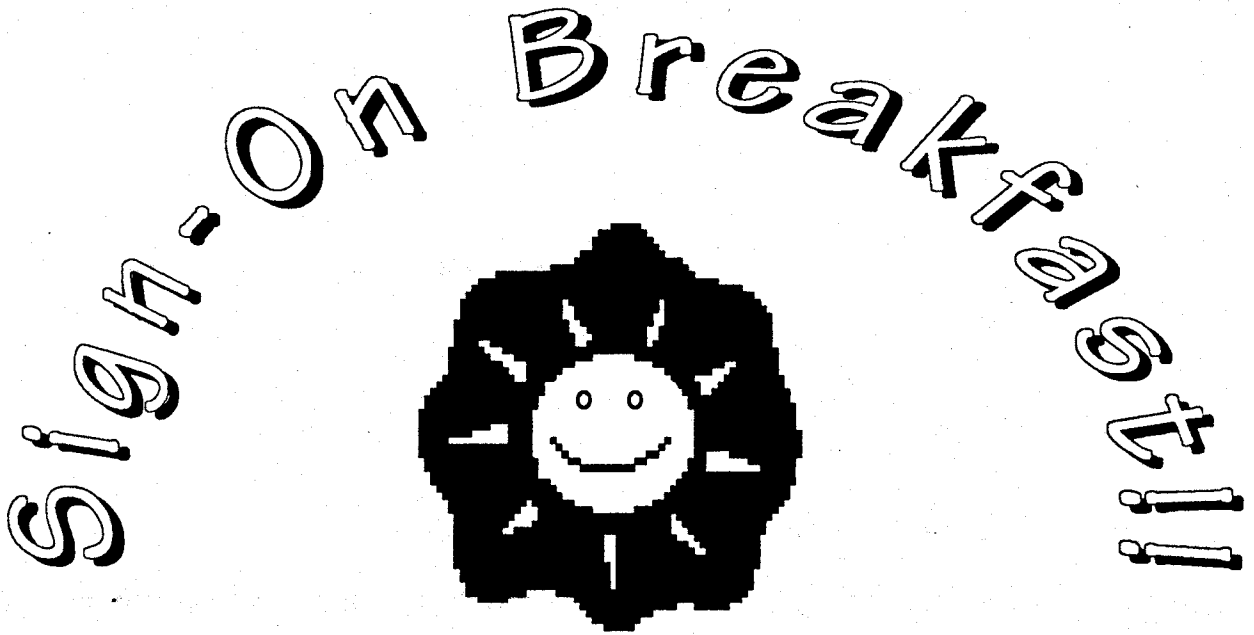
CHAPTER 24 NEWSLETTER

3538 Concord Avenue
Madison, WI 53714



Tom Weeden 1
6802 Putnam Road
Madison, WI 53711

*You are cordially invited to start the day with your friends from SBE
Chapter 24 and Video Images at a...*



Thursday, June 25, 1992

Stop in between 6:30 and 7:30 a.m.

Perkins Restaurant on the Beltline

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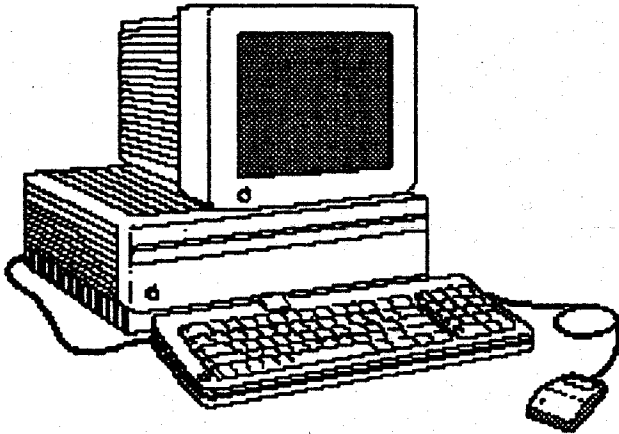
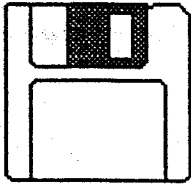
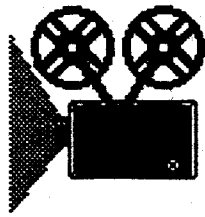
Courtesy of Video Images

Then!...

Don't miss **MegaMedia** later, at Video Images in Milwaukee.

See reverse side →→→

Carpooling from Madison will begin at Perkins Restaurant.



MARK YOUR CALENDARS FOR JUNE 25

9:30 a.m. - 4:00 p.m.

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The MegaMedia Seminars and Exhibits will be held at Video Images at the following address:

285 North Janacek Road
Waukesha, WI

Pre-register for these free seminars by calling Jim Braun or Julie Wegner at (608) 221-8888 by June 24th.