

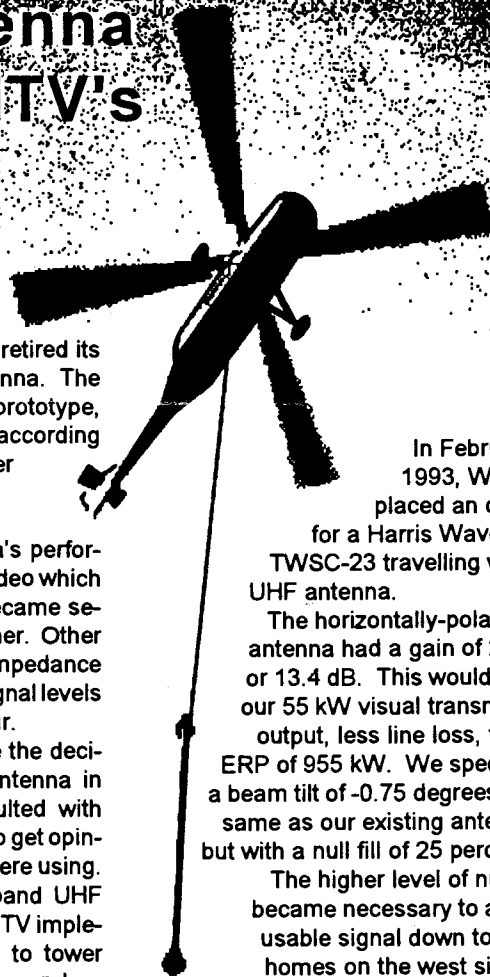
Helicopter Lowers New Antenna Onto WMTV's Tower

Photo and Graphic
by Paul Stoffel

by Tom Weeden

On June 27, WMTV retired its 32-year-old RCA antenna. The TFU-24DLA, a 3,100 lbs. prototype, was installed in 1961, and according to station records, had never quite performed up to expectations. The most obvious flaw in the antenna's performance was a ghost in the video which was always present, but became severe during inclement weather. Other problems were a varying impedance and reports of decreasing signal levels in WMTV's Grade B contour.

The station's owner made the decision to purchase a new antenna in December, 1992. I consulted with other stations in our group to get opinions on the antennas they were using. At first I researched wideband UHF antennas, to prepare for HDTV implementation. However, due to tower loading problems and the general uncertainty surrounding HDTV, we decided to concentrate on a single-channel antenna.



In February, 1993, WMTV placed an order for a Harris Wavestar TWSC-23 travelling wave UHF antenna.

The horizontally-polarized antenna had a gain of 22.4, or 13.4 dB. This would take our 55 kW visual transmitter output, less line loss, to an ERP of 955 kW. We specified a beam tilt of -0.75 degrees, the same as our existing antenna, but with a null fill of 25 percent.

The higher level of null fill became necessary to aim a usable signal down toward homes on the west side of Madison which did not exist in 1961. Tower loading prevented us from increasing the size of the antenna, so we had to live with a 0.5 dB drop in effective radiated power toward the horizon to compensate for the higher null fill. Since the ERP was changing, we had to apply for a construction permit rather than a simple modification of license. I began the FAA notification

JULY MEETING
DATE: Tuesday, July 20, 1993
DINNER AT 5:30 p.m.: Perkins Family Restaurant
1410 Damon Road
Fish Hatchery Rd. at Beltline
MEETING: 7:15 p.m
Public Broadcasting Center
3319 W. Beltline Hwy
PROGRAM: Demo of digital compressed video and tour of earth station facilities

first, then concentrated on the FCC application. The FAA contacted me a few weeks later, informing us that our FCC coordinates were incorrect according to our printed location on the USGS topographic maps. This put a quick stop to our FCC application while we contracted a local civil engineering firm to perform a site survey on our tower. Sure enough, the FAA was right.

I then started again on FCC Form 301, recalculating new HAAT figures based on our corrected location. The application was filed in early April. We received a favorable FAA determination and the FCC notice of receipt of our application within a day of each other. The Wisconsin Bureau of Aeronautics also gave WMTV their green light.

Meanwhile, bid requests went out to contract a tower firm for installation. WMTV signed an agreement with Skyline Communications, who subcontracted Midwest Helicopter of Hinsdale, IL to perform the antenna lift. [The helicopter, capable of lifting 4,500 lbs., was used to reduce downtime.]

Continued on Page 2, Antenna

CHAPTER 24 OFFICERS

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Leonard Charles (WISC-TV)
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H - 274-0041

VICE-CHAIR:

Fred Sperry (WI Public TV/TOC)
W - 264-9600
H - 833-6074

SECRETARY:

Kerry Maki (WMSN TV)
W - 833-0047
H - 835-5195

TREASURER:

Paul Stoffel (WI Public TV)
W - 263-2175
H - 241-4621

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Program Chair:

Steve Zimmerman

Membership: Leonard Charles

Sustaining Membership:

Stan Sarch

Strategic Plan: Dennis Behr

Special Events: Kevin Ruppert

Certification and

Education: Jim Hermanson
Tim Trendt, Platteville

Freq. Coordinator: Tom Smith

work 608-263-2174
home 608-837-2729

Chapter Liaison: Steve Peck

608-246-9797

National SBE Liaison:

Terry Baun
414-449-5300 (voice)
414-449-5380 (fax)

Antenna

Continued from Page 1

We set a target date for installation of Sunday, June 20, with a rain date of June 27. WMTV management hoped to have an improved signal on the air in time for the July ratings period and WMTV's 40th anniversary on July 8.

We missed our June 20th target, but the antenna arrived at WMTV the next day. Following a fierce battle with red tape, our construction permit arrived via FAX at 4:15 PM Friday, June 25th...just 39 hours prior to our rescheduled installation.

Sunday morning, we had good weather. The chopper from Midwest Helicopter arrived at 6:30 AM as Rich Wood and his crew of 8 from Skyline Communications went up the tower to disconnect the old antenna.

At 8:10 the helicopter went aloft and grabbed the antenna as the crew loosened the bolts. The old antenna came down, and then the new antenna, weighing in at 3,200 pounds, was lifted at 8:30. Skyline had prepared three-foot-long "guide rods" to catch the bolt holes on the antenna base so that it would set down in place on the tower top plate as the helicopter lowered it. The antenna was positioned and quickly bolted down.

The rest of the day was spent adjusting the fine matcher at the top of the transmission line, terminated into 75 ohms while Skyline installed the new plumbing for the antenna. When the antenna was connected to the line, we made some final tweaks of the fine matcher while monitoring a network analyzer.

The final figures were a VSWR at visual carrier of just under 1.05. Color and aural frequencies' VSWRs were just under 1.10. This was a big improvement over the old antenna, where visual was 1.14 in good weather, and aural was 1.40 or higher.

We went on the air at 4:10 PM with modulated staircase and adjusted the transmitter's IF correction to values we had previously only seen into the dummy load. When we signed on with programming at 5:08 PM, the ghosting in the video had disappeared, and skin tones were greatly improved. Reflected power on both aural and visual klystrons was negligible.

As of this writing, we have received

reports of an improved signal from the cable companies in Beloit to the south and Platteville to the west. An informal poll of the WMTV staff reported better off air signals from all locations except one.

We apparently had not been making our licensed ERP for some time on the old antenna. On paper, the old ERP had been 1050 kW, but the new 955 kW seems to be doing much better.

Several different cameras were rolling during the installation, including a camcorder which was strapped to the new antenna as the helicopter was taking it aloft. An edited version of the installation will be available for a future SBE program.

Tom Weeden is the Chief Engineer at WMTV Channel 15 in Madison, Wisconsin. Tom also writes an Amateur Radio column for this newsletter.

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Proposed EBS Changes

By Jim Hermanson

At the May Chapter 26 SBE meeting held at Chicago's WLS-AM transmitter site, a panel discussion of various changes in the Emergency Broadcast System (EBS) was held. Among the panelists was Linda Arquilla, Public Affairs Specialist, FCC, Park Ridge office. She presented a summary of EBS changes proposed by the FCC.

The commission will be field testing proposed EBS technology several times this year. The first tests were done June 28-30 in Denver. The second set of tests will be held August 9-11 in Baltimore.

The first two days of the tests are done closed circuit, with the third day of tests being done over the air. A media blitz will be run in advance of the tests to notify broadcasters. The FCC welcomes any broadcasters who will be in the areas of the tests to attend and participate. Other participants will be cable systems, manufacturers, emergency management, and area representatives of the telecommunications industry.

The proposed equipment is hoped to be universal, with about 12 manufacturers participating to meet the needs of the FCC. The best features of each will be selected for the final equipment design.

New equipment will likely eliminate the need for an operator on duty continuously and new standards will be compatible with technology that will be delivered in the future and will expand as technology changes as well. The new equipment will likely have a display of message type and event, whether it be a tornado watch, tornado warning, flood watch, winter storm watch, oil spill, etc., and which specific county or area is involved.

Goals of the new equipment design and testing include greater reliability, especially under a variety of receiving conditions, compatibility with other systems, and greater involvement of cable TV operations. The Society of Cable Television Engineers is looking into the program as well and considering the method of delivery of EBS warnings on multiple channels and whether it be

aural or only aural or visual.

New EBS equipment would be compatible with encoding done for national levels of alerts. Determination of ease of operation of equipment is a consideration to prevent operator errors leading to missed messages. System safeguards are being considered to prevent sabotage or abuse.

Recommendations of systems designed to deliver emergency messages to visually and hearing impaired persons will be taken into account.

Recommended instructions, some type of checklist, and simplifying operational procedures are also concerns of the commission. The basic parameters for testing include multiple monitoring, automation, shortening of the EBS two-tone signal that is transmitted (if a tone will need to be sent), self-testing, testing of automatic logging/recording equipment, and some type of automatic dialing/paging to personnel who are responsible for EBS.

More information on the new proposed equipment and procedures will be available in September in the Federal Register, from the EBS office in Washington, or contact Linda Arquilla at the FCC Park Ridge, Illinois office.

SBE Welcomes New Chapter

The Society of Broadcast Engineers is pleased to welcome its newest chapter, Chapter #125, Jackson, Mississippi.

Thomas Bondurant is the Chapter Chair.

The SBE Chapter Liaison Committee has selected SBE Board Member Troy Pennington of Birmingham, Alabama, to serve as the National Liaison Representative for the new chapter.

SBE

Chapter 24 BBS

608-277-5239

Chris Cain, Sysop

Leonard Charles is the editor for the Electronic Version of this Newsletter that is available on the Chapter 24 BBS.

Shopper for Radio

By Tom Smith

In the February issue of this newsletter, an article told of some trade magazines that had ceased operation. One of the magazines mentioned was RADIO GUIDE, published by Ray Topp, Rochester, Minnesota. At that time, Ray had hoped to begin publishing an ad-free, subscriber-paid magazine.

Instead, he came up with a publication called RADIO SHOPPER; three issues have been published so far. The SHOPPER, a newspaper-type format, is basically for the radio industry. The SHOPPER is filled manufacturer's and dealer's advertisements, technical tips and classified ads. (Ray is not printing any long-form articles.) The classified ads are free as is the RADIO SHOPPER. The address for the SHOPPER is 511 18th Street SE, Rochester, MN 55904.

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Stan Scharch



FCC News

By Tom Smith

VERTICAL INTERVAL SIGNALS

The FCC has issued final rules concerning the transmission of the new ghost-cancelling signal and enhanced closed-captioning service.

The Commission has adopted the ghost-cancelling signal that was developed by North American Phillips.

This reference signal will replace the VIR signal on line 19 of the vertical interval. The VIR signal can be moved to any vertical interval line from 10 through 16. The effective date of the change-over is June 30, 1994.

Also, in this rulemaking is a change of rules that allows the closed-captioning data signal to be extended to line 21, field 2 to allow for the creation of extended captioning services.

The caption signal in each field shall be a separate data stream to allow for dual language captioning. At present, there are not any sets available that will take advantage of the new caption signal.

(Published in the FEDERAL REGISTER on May 25, 1993, pages 29981-29983)

V-SAT DISHES

Hughes Network Systems has asked for a declaratory ruling revising the FCC rules pertaining to the pre-emption of zoning regulation in respect to satellite earth stations.

Hughes claims it has problems with zoning of V-SAT dishes in commercial areas.

The FCC also has a request from the Satellite Broadcasting and Communication Association for declaratory relief from abusive zoning practices and an order from the U.S. Court of Appeals for the Second Circuit reversing the FCC's order pre-empting the zoning ordinance of the Town of Deerfield, NY.

The docket is DA-93-552 and was published in the FEDERAL REGISTER on June 1, 1993, with comments due July 12 and replies on August 16.

MUST-CARRY AND RETRANSMISSION CONSENT CLARIFICATION

The FCC has released a clarification of must-carry and retransmission consent pertaining to signal quality and copyright.

This release outlines requirements of both broadcasters and cable companies regarding measurement of off-air signals for determining if the signal quality for must-carry to be implemented on a cable system.

The FCC also addresses the problem of a must-carry request of a broadcaster and the copyright liability for the cable system to which the must-carry request was made.

This is FCC docket 93-284 and was released on May 28 and published in the FEDERAL REGISTER on June 10, pages 32449-32452.

YOUR OLD STL

The FCC has started a rulemaking concerning those old STL transmitters made obsolete by the new rules that took effect on July 1. The FCC is proposing that the old non-accepted STL transmitters be allowed to be used for stand-by purposes.

The Commission is proposing setting some limits on the old non-accepted STL transmitters. They can not cause any interference to existing or new STL stations and can not be used for more than 720 hours or 30 days a year and must be turned OFF as soon as the main STL is repaired. Rule 74.550 is being suspended for back-up STL transmitters until the rulemaking proceeding is complete. The commission believes this rulemaking will reduce the financial burden on stations.

The rulemaking was published in the June 22 issue of the FEDERAL REGISTER with comments due on August 9 and replies due on August 24. The docket number is MM 93-154, FCC 93-289.

HUNDT NOMINATED

President Clinton has nominated Reed Hundt as the Chairman of the FCC. Hundt is an attorney for the firm of Latham & Watkins in Washington, D.C. Mostly, he has been involved in anti-trust, but has set up the firm's telecommunications practice. Hundt is

a boyhood friend of Vice-President Al Gore, both attending a Washington D.C. area private school together. Hundt attended Yale Law School with President Clinton. Hearings will be held most likely in August.

Jim Quello has been acting Chairman of the FCC since Al Sikes resigned last January.

(Some of this information is from BROADCASTING&CABLE magazine.)

TV Closed Captioning Law Takes Effect

The 1990 Television Decoder Act took effect July 1 and from now on all TV sets 13 inches or larger and sold in the United States must be equipped with built-in decoder circuitry capable of displaying closed captioning.


(From a WASHINGTON POST article)



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Amateur Radio News

by Tom Weeden, WJ9H

● Southern Wisconsin's "High Altitude Radio Project" (HARP) successfully launched a balloon carrying amateur radio on the morning of June 12. The goal of the flight was to send a 2-meter beacon signal from the balloon through a transponder on an orbiting satellite. The balloon was launched at 9:30 AM from Hillsboro, about an hour northwest of Madison. At 9:48, the low-earth-orbiting RS-10/11 satellite came over the horizon. A few minutes later, the balloon's signal was heard on the satellite's 10-meter downlink. A future goal of HARP is to be able to triangulate a balloon's position by analyzing the Doppler shift of the signal through the moving satellite. On this flight, the received signal was too weak for accurate frequency measurements.

● The FCC has clarified its position in a recent proposal to adopt rules for automatic vehicle monitoring (AVM) systems, with a word change of interest to amateurs. In April, the FCC proposed creation of a new service in the 902 to 908 MHz band, currently shared by amateurs, government, scientific, and unlicensed users (such as the new wireless LAN modems). The FCC said that AVMs in the band "could lead to rapid congestion of available spectrum," and asked for comments on possible solutions, "such as removing Part 15 users and amateur operations from the band...or placing stricter limitations on the operation of such users in this band." In a May 6 release, the FCC changed the phrase "such as removing" to "short of removing."

● The proposed "spectrum auctions," which may be a part of the 1994 US budget, do not seem to be a cause for alarm to the Amateur Radio service, according to the American Radio Relay League. A section of legislation approved by the Commerce Committee of the House and Senate reads, "This section would seem to rule out bidding for amateur frequencies, police and fire department frequencies, (and) broadcast frequencies....The proposed new personal communications services (PCS) and land mobile systems of a

private or common-carrier nature would apparently be subject to the proposed bidding process." (Excerpts from July 1993 QST magazine)

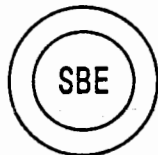
WMAD-FM is Back

WMAD radio (92.1 FM) was back on the air June 25 under new ownership. The station has been silent since financial problems suddenly pulled the plug on the station last summer.

Lee Leicinger, president, general manager and part-owner of WIBA-AM/FM in Madison, bought WMAD-AM/FM in May from the Bank of Sun Prairie. WMAD-FM's format is the new "modern rock" popular in West Coast cities.

WMAD-AM will start broadcasting soon although no format has been decided.

(Information from the WISCONSIN STATE JOURNAL newspaper)



Society of Broadcast Engineers

Upper Midwest Regional Conference Presents

ALL-CHAPTER NATIONAL TELECONFERENCE

Wednesday, November 10, 1993
7:30 P.M.


Featured Panelists include:
SBE National President
SBE National Vice-President
SBE Exec. Director - John Poray
SBE Counsel - Chris Imlay

SBE members nationwide are invited to tune in via satellite. Members will have the opportunity to phone in their questions and concerns to the featured panelists.

CHAPTER 24 SUSTAINING MEMBERS

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June Minutes

Chapter 24 of the Society of Broadcast Engineers met on Thursday, June 17, 1993, for its regular monthly meeting at Brat und Brau in Madison. Total attendance was 20, consisting of 18 SBE members, 12 of whom were certified, and two guests.

Chair Leonard Charles called the meeting to order at 7:00 p.m. Vice Chair Fred Sperry read the minutes of the May meeting, which were approved as read.

Membership Chair Leonard Charles indicated the Chapter 24 mailing list was corroborated with National as of May 27, 1993. There are a total of 76 members, 62 are current in their dues, 14 are in arrears.

The National Board of Directors has changed the by-laws changing the grace period from six to three months. The deadline for paying this year's dues is June 30, 1993.

Program Chair Steve Zimmerman reported the program committee had met to develop program goals for the next year and indicated details would be in the next newsletter. Next month's program is tentatively set for Wisconsin Public Broadcasting's uplink facility and would address digital compression.

Treasurer and Newsletter Editor Paul Stoffel reported the checking account balance. The newsletter deadline is July 7.

Certification and Education Chair Jim Hermanson reported five certification exams were given the previous month. He also reminded everyone that the WBA Engineering Conference in Lake Geneva is coming up on July 14.

Frequency Coordination Chair Tom Smith has had additional wireless microphone requests and asks anyone who hasn't reported their wireless mic frequencies to please do so.

Chair Leonard Charles reported Chapter 24 had received a rebate from SBE National. Everyone should have received updated by-laws, with the following changes: Article IV, Section 2: President and Vice President may serve only two terms, and the Secretary and Treasurer may serve unlimited terms. Article V, Section 1D: When the membership dues are one month in arrears, a final notice will be mailed by the National Office; when a member's dues are three months in arrears, the mem-

bership is suspended. Article VI, Section 2: The Chapter Liaison Committee was added to the list of appointed committees.

In other National News, Officer elections are coming up in September, and no board seats are up for election this year.

In old business, Chair Leonard Charles hasn't had any inquiries to fill the SBE representatives seat on the Dane County Telecommunications Commission. Please contact him if you are interested. [Editor's Note: Recently, the Telecommunications Commission has been abolished and a new group is being organized.]

He also indicated plans are proceeding for the November SBE Regional Uplink.

Vice Chair Fred Sperry reminded everyone that Chapter 24 is offering two scholarships to next month's WBA Technical Conference. The application deadline is June 30, 1993.

Chair Leonard Charles acknowledged previous Chair Jim Hermanson for the energy and effort spent in promoting the success of Chapter 24 for the past two years.

In new business, Chair Leonard Charles indicated Chapter 24 is about to submit nominations in 9 of 10 categories for National Awards.

In personal announcements, Steve Zimmerman introduced Carolyn Shaffer, who indicated she is looking to get into the field of broadcasting.

The meeting was adjourned. Program Chair Steve Zimmerman introduced Joe Zuba of Dielectric Communications who presented a program on HDTV Antenna and Transmission Line Considerations.

Secretary, Kerry Maki

"Guide to HDTV Implementation Cost" Book Offered by NAB

The National Association of Broadcasters (NAB) is offering a book, "The Guide to HDTV Implementation Cost", which draws upon material developed by the FCC Committee on ATV. The cost of book is \$50.00 for members, \$75.00 for non-

members.

Those responsible for developing HDTV budgets need to take a look at this report. Contact the NAB at 1-800-368-5644 for more information.

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LOCAL LEGALS

Compiled by Tom Smith

APPLICATIONS

● WPDR-AM/WDDC-FM Portage, WI (1350 KHz; 1 Kw day/100.1 Mhz; 3 Kw at 300 feet) and WTOQ-AM/WKPL-FM Platteville, WI (1590 KHz; 1 Kw day, 500 watts night/107.1 Mhz, 3 Kw at 235 feet) seeks transfer of control of Kramer Broadcasting, Inc.

As part of a divorce settlement, Edward A. Kramer is transferring his 50 percent to Shirley M. Kramer.

Filed April 27.

ACTIONS

● WQJY-FM West Salem, WI, 100.1 Mhz, 1.8 Kw at 426 feet, sold by Goetz Broadcasting to DN Communications for \$480,000.

Seller is headed by Nathan Goetz and has interest in 6 AMs and 5 FMs.

Buyer is headed by Patrick J. Delaney who owns WOSX-FM in Spencer, WI, and has interest in WKBH-AM/FM Holmen-Trempeleau, WI.

Action June 4.

● WOSX-FM Spencer, WI, 92.3 Mhz, 6 Kw at 300 feet, assignment of license from DN Communications to Goetz Broadcasting for an undisclosed amount.

Seller is headed by Patrick J. Delaney.

Buyer is headed by Nathan L. Goetz.

Action June 4.

See above for transaction between DN Communications and Goetz Broadcasting over WQJY-FM.

● WJJO-FM Watertown, WI, 94.1 Mhz, 50 Kw at 525 feet, assignment granted from Joyner Radio, Inc. to WJJO Limited Partnership for \$1.6 million.

Action June 18.

(Information compiled from BROADCASTING & CABLE magazine.)

Television News-The "Grand Alliance"

Submitted by Kevin Ruppert

The expected Grand Alliance between the remaining high definition television proponents was indeed formed on May 24th. The Alliance will reportedly submit a single system to the FCC's Advisory Committee on Advanced Television Service (ACATS).

FCC Acting Chairman James H. Quello welcomed it. "It's good to see people working together rather than competing," he said. The proposed system still has to be approved by the Advisory Committee before a working model is built and tested. The system the committee approves will be submitted to the FCC, which will make the final decision. It is hoped that this process will run its course by the end of next year.

Controversies still exist on what kind of scanning system is used. A compromise is one of the key elements of the Alliance. The proposed system will incorporate both progressive and interlaced scanning in an effort to satisfy both computer and broadcast industries. As a matter of fact, the alliance plans to offer SIX scanning formats - one interlaced and five progressive. The ultimate goal would be, however, to phase out interlace scanning in favor of progressive.

The alliance appears to have resolved several other major issues that deal with interoperability in the system. Among them is the use of square pixels, decoupling of the production and display processes, and packetization of data with header and descriptor data. Identification of the transmission format and encoded data will be facilitated through the use of packet headers and descriptors.

(Excerpts from Television Broadcast and Broadcast Engineering magazines)

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RADIO....

Compiled by Stan Scharch

● Twelve Chicago, IL FM radio stations were on the air with Radio Data Systems for the June Consumer Electronics Show. Six manufacturers displayed RDS receivers. Some are already shipping units to retailers.

● Randolph, VT Broadcaster WWWT(AM) has been fined \$20,000 for operating in excess of licensed power. The station has been reportedly operating at 1000 watts instead of 66 watts nighttime power.


● According to a recent survey by the Professional Audio Marketplace, radio stations purchased 42,000 CD players for on-air use in early 1993 compared with 18,630 last year. Cart machine purchases have dropped from 71,268 to 32,780 in the same period.

(Excerpts from RADIO WORLD)

Stan Scharch and the newsletter editor seek a volunteer who works in radio broadcasting to write this radio column.

Still Time to Pay Membership Dues

Society of Broadcast Engineers annual membership dues were to be paid by June 30. According to Peggy Hall, National SBE Membership Coordinator, members should mail their dues in as soon as possible. Members are reminded that, in April, the SBE Board of Directors passed a bylaws amendment that shortens the time members are carried on the National membership roles. The time is now three months, down from six.



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Wisconsin Broadcasters Association Summer Engineering Seminar and Regional SBE Meeting
 Wednesday, July 14
 Interlaken Resort
 Lake Geneva

Full day of technical sessions and SBE lunch with Chris Imlay, SBE General Counsel, as the featured speaker

Registration will be available at the door, but please call the WBA at 1-800-236-1922 to reserve your place.

Tower Lighting

The FAA has published a new circular regarding tower lights.

There are some changes that are worth noting. For example:

- The FAA advises that all intermediate beacons currently installed within tower structures be replaced with two beacons mounted on the exterior of the tower. The FAA made this recommendation because they have found that in many instances the visibility of the beacon can be obstructed by the tower supporting members.

- All obstruction lights on a single structure (meaning, beacons) should flash simultaneously. There should be no more flip-flop or asynchronous flashing. This recommendation will certainly affect a number of location stations where the top and mid-point beacons flash alternately.

It would appear to be a good idea, if your station's tower lights are not operating the way the FAA thinks they should, that you have some sort of letter from the FAA stating that the way your tower lights flash is acceptable to them. If you have any specific questions, contact the FCC Antenna Survey Branch [in Gettysburg, Pennsylvania] at 717-337-1212, give them the coordinates of the tower in question

and they will tell you just exactly how it should be lit.

The FCC has announced its findings of inspections of broadcast stations during fiscal year 1992. Apparently, we are doing pretty well, except the following five areas were found to be in need of improvement:

1. AM Directional Parameters
2. AM Monitoring Points
3. Power Tolerance
4. Meters
5. The Public inspection file

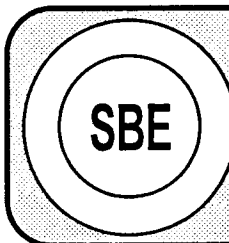
The Commission advises that late this year they will select AM, FM and TV stations, and inspect them for compliance with the FCC rules.

The new FCC address for Part 74 stuff is:

Federal Communications Commission
 Broadcast Auxiliary Radio Services
 1270 Fairfield Road
 Gettysburg, Pa 17325

If your action requires the payment of a fee, the new address is:
 P.O. BOX 358700
 Pittsburgh, Pa 15251-5700

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