



Fashions come,
And fashions go.
But bad taste
Is timeless.

OSCILLATOR

DELAWARE VALLEY HISTORIC RADIO CLUB

The Official Newsletter of the DVHRC

Vol. 5 No. 1, January 1997

DECEMBER MEETING RECAP

Mike Koste

Considering the jam-packed agenda of club business and the equally stuffed buffet and auction tables we faced in December, the Annual Meeting/Christmas Party moved quickly. A total of 46 members and their guests were in attendance. We acknowledged the arrival of our newest antique radio companions, Kenneth DeLucca, Martin Fleisher, Albert German, and Jerry Vanicek. President Bill Overbeck reflected on the club's long- and short-comings in 1996 and thanked everyone who pitched in to help make some of our long-range goals reality. Besides on-going efforts to promote the organization, among our missions for the new year is establishment of a club directory. Bill has been burning the midnight oil on behalf of the Association in planning and preparation for the indoor Winter Swapmeet in February. Ludwell Sibley has placed ads in the January and February issues of *Antique Radio Classified*, your Secretary has volunteered his two free ARC classifieds to plug the meet, and we've even managed to sneak onto the NJARC website (<http://www.globalent.net/oldradio>) with an advertisement and full-color map. We'll again conduct a People's Choice Equipment Contest and raffle off a Philco "Junior" cathedral radio. (Thanks, as always, to Jim Amici for surgical renovation.)

More on the Winter Meet on the last page. Further discussion and an opportunity to volunteer your assistance at the January meeting on the 14th!

DVHRC ELECTS 1997 BOARD OF DIRECTORS

Mike Koste, Club Secretary

At the Annual Meeting of the Delaware Valley Historic Radio Club on December 10, 1996, an election was held to select a Board of Directors to serve the organization through December 31, 1997. Those elected are Bill Overbeck, Tony Moletierre, Pete Grave, Ludwell Sibley and Mike Koste.

In a caucus immediately following the election, Overbeck was chosen to serve at DVHRC President, Moletierre as Vice President, Koste as Secretary and John Kern as Treasurer. The Board also selected Ted Sowirka as Chairman of the Tech Committee and appointed Ludwell Sibley to the new position of Publicity Chairman.

In addition, due to a close finish in the Board election, the club has amended its by-laws to reflect that in the event of a tie, a separate run-off election between the two or more candidates will be immediately conducted in order to determine a winner.

RESTORATION TECHNIQUES

DVHRC's "man of the cloth" is well known as a source of historically accurate fabric for radio speaker grilles. He provides buyers with an instruction sheet giving hints on best applying the new cloth. The following is adapted from the latest version of his sheet.

GRILLE CLOTH INSTALLATION AND "AGING" TIPS

John Okolowicz

My cloths are made from rayon, polyester and/or cotton. The original cloths from the 1930s were all rayon and/or cotton. Rayon has two characteristics that you should be aware of:

- It has luster, which makes it more three-dimensional and lifelike. Of course, after 60 years, the sheen on the original material has been greatly subdued by exposure to dirt and smoke.
- Because it is made from cellulose (otherwise known as wood), it is very responsive to moisture.

You can use these properties to help you improve the installation. By gluing down a slightly moist cloth (which will expand the material) and then waiting for both the glue and moisture to dry, the cloth will contract by itself and form a

This is dues-renewal month!

THE OSCILLATOR

Newsletter of the
Delaware Valley Historic Radio Club
Post Office Box 41031,
Philadelphia, PA 19127

The *Oscillator* is published monthly by members of the non-profit DVHRC. Its purpose is to provide a forum to educate, inform, entertain, and communicate with collectors and preservers of vintage radio technology.

We welcome and solicit information relating to radio history or collecting. Submissions should be carefully researched, typed and accompanied with clear photographs or diagrams. Material on-disc (3-1/2" or 5-1/4" DOS) is particularly welcome.

Unless indicated otherwise, attributed reproduction for nonprofit purposes of any material in this publication is welcome. (Contact the editor to obtain copy on-disc.)

Personal views, opinions and technical advice offered in this newsletter do not necessarily reflect those of the members, officers or Board of Directors of the DVHRC, nor is the organization responsible for any buying or selling transaction incurred.

To join: DVHRC dues is \$10 per year. The membership year runs January-through-December. Please mail to the club PO box above.

DVHRC BOARD OF DIRECTORS

Pete Grave Mike Koste Tony Molettiere
Bill Overbeck Ludwell Sibley

FOUNDING PRESIDENT

Jay Daveler

1997 DVHRC OFFICERS

| | | |
|----------------|-----------------|----------------|
| President | Bill Overbeck | (610) 789-8199 |
| Vice-President | Tony Molettiere | (215) 723-7459 |
| Treasurer | John Kern | (215) 538-2128 |
| Secretary | Mike Koste | (215) 646-6488 |

OSCILLATOR EDITOR

Ludwell ("Scoop") Sibley

OSCILLATOR CONTRIBUTORS

| | |
|-------------------|--------------|
| John Dilks, K2TQN | Alan Douglas |
| Alton DuBois, Jr | Mike Koste |
| Bob Thomas, W3NE | Ted Sowirka |

DVHRC TECHNICAL COMMITTEE

| | |
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| Lewis Newhard | Ted Sowirka |

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Pete Grave Dave Abramson

LIBRARIAN & TUBE PROGRAM

Charlie Class

MEMBERSHIPS

Mike Koste

ARTICLES & MEMBER ADS

may be sent to the editor at 44 E. Main St, Flemington,
NJ 08822, (908) 782-4894.

COPY DEADLINE: The 20th of each month.

NEXT MEETINGS: Jan. 14, Feb. 11.

nice tight fit.

Polyester is made from plastic and therefore not moisture-sensitive. Once you glue it down, it should stay in place without taking any special measures. The disadvantage of polyester is that it has no shine or "body" and can look a bit flat and lifeless. However, some people find this very desirable.

Installation steps:

1. Iron. If you plan to use spray starch, then skip this step and go directly to step 2. Otherwise, use a household iron set for permanent-press with steam for a wrinkle-free cloth. If you don't use steam, don't expect to get any wrinkles out. Then go to step 3.

2A. Spray Starch - optional, but recommended. This stuff is really great for two reasons: (1) it gives some stability to the material and (2) it dulls the shine. In most cases you may not need to do anything else. If you use this, do not additionally wet the cloth with steam. Set the iron for regular heat and iron it out. If the cloth is too wet, it will stick to the iron. Experiment on a scrap piece first to get the hang of it . . . or . . .

2B. Spritz. To insure that your cloth is nice and tight when you are done, first wet it slightly with water using a spritzer before application. After application with the cloth still damp, the cloth will shrink as it dries and that will insure that it stays nice and tight. **Caution:** If you install it dry on a humid day, you will never get the the "baggies" out.

3. Stretch. A great way to stretch the cloth (if you don't use spray starch) before mounting is to use an embroidery hoop of appropriate size before mounting to the cabinet (or more commonly to the cardboard backing). Leave the hoop intact until the glue is dry and then remove. These hoops are available in plastic or wood and can be obtained at any craft shop. Wooden hoops sell for 50¢ each and come as large as 12 inches in diameter, while plastic ones are around \$4 and are available only up to 10 inches in diameter.

4. Glue. Spray adhesive works great for me. I use an industrial-strength product made by Camie-Campbell, Inc., 9225 Watson Industrial Park, St. Louis, MO 63126, phone (314) 968-3222. An 18-oz. can of #300 all-purpose adhesive costs about \$8. You can also try the spray adhesives made by the 3M Company from your local hardware, but I find these a bit watery. If you do use the 3M products, please wait until they get tacky before applying the cloth. Failure to do so will cause permanent discoloration of the cloth.

NOTE: When poking holes through the cloth, first use an awl or a hot soldering iron with a pointed tip to spread the fabric. DO NOT use a screw or drill bit because this tends to grab the fibers and pull them out. Need a backing board? If your cardboard mounting board is crumbling hopelessly, then go to an arts-and-crafts supply house and ask for illustration board. This is a thick and very stiff quality paperboard material that works wonders for this application. It comes in 2' x 3' sizes and costs between \$3 to \$4. A professional art-supply store has this in various thicknesses, while your chain stores, no matter how large, carry this product in only one thickness. If you are a serious restorer, the extra effort is worth it.

Console application

Use a combination of staples and spray adhesive. First spray

the board liberally with adhesive. Two or three coats may be required, waiting 30 seconds or so for each coat to dry, before it is ready to use to overcome absorption by the wood. By laying the cloth down and then stapling one side, you can manually stretch the other side and repeatedly staple it in place tightly. You can also use a stick to wrap the unstapled side of the cloth to insure that it all stretches evenly, and then staple it down. That trick can only be used for one side (i. e. stretching top-to-bottom or left-to-right). The remainder will have to be done by hand. Another technique is to use a wood dowel wrapped around one edge to stretch the cloth evenly in one direction. Temporarily fasten the stick and then work from side to side. Stretch and staple the sides, and finally staple the end with the stick.

Optional Aging Tips

Here are two methods, in order of my preference, that may help you to alter the look of the cloth beyond what spray starch will do and perhaps make it look more weathered and worn. Obviously, you should do this prior to installation.

1. Use a strong solution of black coffee or tea, or a mixture of both. It may appear that you are going to ruin a good grille cloth - I assure you that will not happen. The rayon/polyester will not take too readily to dyes and stains, and, once your cloth has dried out, it will look much improved over the original. The shine will have been reduced and it will have a slight brown dullness to it. Whether you leave it in for 20 minutes or 8 hours, the effect is more or less the same. Rinse in warm water after removal to wash out the coffee smell.

2. Use a very diluted solution of shoe dye. I use Fiebing's because it is soluble in alcohol. I start with a bottle of light brown, which costs around \$3, and dilute a small amount (somewhere between a thimble or a shot glass) in a ratio of 1 dye to 3 or more alcohol. You may want to start out very weak and work backwards to be sure not to ruin your cloth. The shoe dye is very potent and will permanently dye anything it touches, including your hands, so be sure to use gloves. At a ratio of about 1:6 it approaches the mildness of the coffee/tea method.

Acknowledgements to all those collectors who kindly submitted tips and tricks over the years!

John can be reached at 624 Cedar Hill Rd., Ambler, PA 19002. His Web Page address, showing color pictures of available cloth designs along with typical radios that used them, is <http://www.libertynet.org/~grlclth/>. Email goes to grillecloth@compuserve.com.

ON THE HORIZON

| | |
|------------------|---|
| Feb. 15 | DVHRC indoors swapmeet-auction, Grimes Center, St. Denis' Church, Havertown |
| Feb. 23 | GBARC Radio XXVII, Boston |
| March 1 | NJARC indoors swapmeet, Hightstown |
| March 29 | PARS/AWA-WV "Spring Fever" meet, Pittsburgh |
| May (TBA) | Central PA Radio Collectors swapmeet |

TUBE SCOOP

VT-52: FROM "SURPLUS" TO "SUPERB"

One of the indignities America forced on her young men early in WW II was sending them into aerial combat using a transmitter called BC-230. This was a 12-volt aircraft voice set, with a 24-volt version coded BC-430 . . . a 1932 radio in a 1942 war. (The instruction book for this rig told how to install it in *biplanes*.) The Aircraft Radio Corporation made many of these sets, and Philco was producing them as late as 1942.

The main electrical feature of this set was its tubes: four VT-52 triodes - essentially ruggedized 45s with 7-volt filaments, a variant unique to this radio. After the war, VT-52s languished in the surplus market. National Union must have been caught with a huge glut in its warehouse, as it still listed the VT-52 in its product line as late as 1952. But nobody cared (see the 1950 price list below).

The magic about the VT-52 today is that it's considered an audio triode. Better yet, some BC-230s were made by WE, that *sanctum sanctorum*, and some VT-52s bear the magical name Western Electric! The *cachet*, the *gloire*, the *je ne sais quoi* - all have pushed the price of a VT-52 higher in the stratosphere than it ever flew in an airplane. (Other VT-52s are more pedestrian, being marked "Sylvania," but they enjoy the reflected glory of WE.)

So what do we now see? In the tube-audio market, an ad innocently seeking BC-430s "with tubes." Is the buyer collecting military gear, or is the BC-430 simply a disposable shipping carton for the four VT-52s? Go figure! - LAS

1950 LOCAL PRICES FOR SURPLUS AUDIO TUBES

From "Lectronic," 1021-A Callowhill, Philadelphia

| | | | | | | | |
|------------|------|--------------|------|--------------|------|--------------|------|
| 6L6GA..... | .87 | UV-199..... | .52 | WE 205B..... | 1.70 | WE 274A..... | 1.06 |
| 45..... | .59 | 10Y..... | .19 | WE 205F..... | 2.85 | WE 310A..... | 7.50 |
| 47..... | .86 | VT-52..... | .36 | 211..... | .62 | 350B..... | 1.10 |
| 50..... | 1.41 | WE 101D..... | 1.65 | WE 215A..... | .24 | | |

WANT ADS

Free exposure for your desired or excess stuff! Unless requested otherwise, we'll run each ad for two months, and will send ads to NJARC's *Jersey Broadcaster* for double coverage.

WANTED: A few spirited individuals to help make our Super Winter Swapmeet a success. Volunteers are needed to assist with raffle ticket sales, auction hustling, selling books and tubes at the DVHRC table and helping out with the equipment contest. Contact Bill Overbeck, (610) 789-8199. For table reservations, call Dave Abramson, (610) 827-9757.

FOR SALE: Zenith 12S669, Atwater Kent 37 in Pooley cabinet, Philco 19H highboy. Can deliver to Havertown meet. Mike Koste, 57 Tennis Ave., Ambler, PA 19002, (215) 646-6488. (1-97)

WANTED: Phonograph-related items - top dollar paid immediately for Vogue Picture Records, wax-cylinder records, needle tins, Nipper, record cleaners, puzzles, advertising mirrors, pins, phonograph toys, posters, original advertising from Edison and Victor. Thanks! Bernie Seinberg, 714 Moredon Rd., Meadowbrook, PA 19046-1907, (215) 886-6124. (1-2/97)

FOR SALE: 500 tubes, \$100 for all. List available. Al Trapanese, (908) 870-9632. (1-2/97)

WANTED: miniature tape recorders and related accessories. Also, vintage broadcast portables, especially wind-up type. Need manuals, brochures, photos, tape-recording books and magazines. Joseph A. Morinelli, 901 Fairfax Rd., Drexel Hill, PA 19026, (610) 715-1720. (11/96-1/97)

FOR SALE: Novelty items - RCA, Victor, Edison, Splitdorf and others. Send LSASE (55¢ postage). Sams Photofacts #500 up to 1000 - you pick up - 50¢ each. Over 300 books - send LSASE (55¢ postage) for list. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071, (609) 582-8279. (12/96-1/97)

WANTED: For Philco model 21: speaker, escutcheon, and dial. Aaron Hunter, 23 Lenape Trail, Southampton, NJ 08088, (609) 267-3065. (12/96-1/97)

FOR SALE: Heathkit Handitester VOM, model M-1, working cond. GE AM table clock-radio, model C-405, gray case/ivory front, ca. 1959. Tom Fallon, 159 Riva

Ave., Milltown, NJ 08850, (908) 545-0417. (12/96-1/97)

WANTED: Someone to repair a short in a 1938 Stromberg-Carlson radio. Chassis and speaker removed from cabinet; very clean. Ken Roginski, (908) Hopkins 2-4623. (12/96-1/97)

FOR SALE: Weller replacement tips: 17 long screw-driver tips, # PTK8; 5 single flat tips, # PTCC7. New and in original package. Want: book Of Mikes and Men. Donald Rector, 443 Beaver St., North Wales, PA 19454, (215) 699-8050 eves. (1-2/97)

INVITATION: Browse our Web page, www.volcenet.com/~k2bn. A. G. Tannenbaum, PO Box 386, Ambler, PA 19002, (215) 540-8055. (1-2/97)

FOR SALE: That ever-handy reference Tube Lore, produced by a DVHRC, um, blood brother, gives 186 pages of insightful scoop on pretty near every kind of tube there is. Latest book review covering it is by Marc Ellis in the Feb. issue of *Popular Electronics*. The book's now available from the following hip sources: (A) the DVHRC book program; (B) our own A. G. Tannenbaum - see above for address; (C) W7FG Vintage Manuals, (800) 807-6146; (D) Antique Electronic Supply, (602) 820-5411; and (E) Antique Radio Classified, (508) 371-0512. Or, in a pinch, it's available from Ludwell Sibley, 44 E. Main St., Flemington, NJ 08822 for \$19.95 in the U. S. and Canada, \$24.95 by airmail overseas. (1-2/97)

FOR SALE: The DVHRC tube program offers clean, tested, boxed tubes at very reasonable prices with availability at any club meeting. Proceeds go to the club. About 300 types are currently in stock. Of course, donations of radio-type tubes in any condition are welcome. See Charlie Class at any monthly meeting to obtain or donate tubes.

FOOD & DRINK: a good place to join fellow collectors for dinner before meetings is the Hillside Tavern, half a block uphill from the meeting site.

SOUTH OF THE BORDER

ANYBODY KNOW?

What's the state of radio history/collecting in Mexico? Canadian interest is obvious, with at least four clubs active. We know that there's substantial interest, with clubs to match, in Australasia, Britain, Europe, Argentina, and Brazil. But what about our neighbor to the south? Mexico has a history of wireless usage dating from before WW I, a small but colorful history in broadcasting, and at least some early local manufacturing (there's certainly plenty of same today!). Anybody have any ideas? Is there anything written (preferably in English) other than The Border Blasters? Any club activity? - LAS

FAIR RADIO SALES STILL HANGIN' IN

The semiannual Fair Radio catalog supplement has just arrived, showing that an institution is still alive and well. Fair, dating from 1947, is about to celebrate its 50th year. As the *other* of the old-time "war surplus" dealers still in business, it is pretty much unique. (The veteran Radio Research Company is still around for oldie radar systems and parts, and can fix you up with a complete SCR-584 trailer-mounted radar or later stuff.) Fair Radio's yearly main cat-

The supplement lists AN/VRC-10 jeep radios (\$225), H-P and Tektronix test gear, AN/URM-25 signal generators (\$195), 3-kW Collins linear amps (\$3250 - try that one on the Citizens' Band!), TV-7 tube testers (\$135), power converters from SCR-284s (\$24), Watkins-Johnson surveillance receivers \$695), etc. Prices for much of this stuff are not at the classic war-surplus/fire-sale level; it's been pointed out that much of the gear that they offer is still in use by one foreign army or another, and so their sales audience is presumably the export trade as well as U. S. collectors. They offer tubes, and get credit for heading off a severe run-up in price on the now-scarce 4D32 - they apparently got a batch of ex-military ones and offer them at a thinkable \$35.

For catalogs or other information, they're at PO Box 1105 or 1016 E. Eureka St., Lima, OH 45802, 419-227-6573, fax 227-1313. They've just gone modern: their new home page is <http://alpha.wcoil.com/~fairadio/> and their new E-mail address is fairadio@alpha.wcoil.com.



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75% COST

\$24.50

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NEWS RELEASE

We're normally highly leery about discussing new books sight unseen. However, John Dilks, K2TQN, has read this one and recommends it enthusiastically.

TUBE - The Invention of Television

By David E. Fisher and Marshall Jon Fisher

"The genius of several individuals coalesced into today's modern TV. In this personality-driven book, the authors look at the key players and their contributions.... An engrossing, in-depth look at the history of the medium." -- *Publishers Weekly*.

Who invented television? Surprisingly, most people don't know. Every school child knows the Wright brothers invented the airplane and Alexander Graham Bell the telephone. Marconi invented the radio and Edison the electric light, but ask someone who invented television, and the question will probably be greeted by silence.

Fifty years after television's commercial debut, Counterpoint has published Tube: The Invention of Television. Part of the Alfred P. Sloan Foundation's Technology Series, Tube presents the turbulent history of one of the most important-most beloved and most reviled-inventions of the twentieth century.

The invention of television was not like the invention of the atomic bomb, which came with a flash of insight followed by experimentation. There was no sudden moment of victory, as with the Wright brothers' first flight. Instead, television was an elusive, tantalizing dream. It took the greatest scientists of the day a long time to make a working prototype, and then it took them longer to perfect it. From the first seed of possibility in 1872 to the TV boom of the 1960s, the race to invent television was filled with little triumphs and devastating failures. Fortunes were made and lost, lives buoyed and wrecked. Divisive battles over patents, broadcasting standards, and color technology raged continuously. World events - WW I, the Depression, WW II, the Korean War - postponed developments at critical moments. And, perhaps most frustrating, the technology itself remained just out of grasp for decades.

An anecdotal history that reads like an adventure story, Tube follows the competing and criss-crossing lives of television's primary inventors:

- John Logie Baird, the eccentric Scot who created the first [well, "sort of" first - Ed.] mechanical prototype of television. His earlier inventions - the Baird Under-Sock and the glass rustless razor - met with limited success, but he enjoyed fame and fortune with his *televisor*. He ignored new technology, however, and watched his dream disappear in the realization of an all-electronic system.

- Philo T. Farnsworth, the Idaho farm boy who visualized the first electronic model for television when he was fourteen years old. By the time he was twenty, he'd found private funding and built his model. The youngest and most ambitious of the "lone" inventors, he would nevertheless be defeated by the powerful RCA.

- Vladimir Zworykin, the scientist who paved the way for RCA. His electronic system lacked some of the finesse of Farnsworth's model, but his genius, combined with RCA's backing, would prove unstoppable.

There were others: Ernst Alexanderson, the scientist who lost out to Zworykin at RCA; Charles Jenkins, whose broadcasting business (one of the first) died in the Depression. And of course, David Sarnoff, the RCA executive who ruthlessly molded TV into the commercially viable household commodity we know today. In the end, none of them could claim the title "inventor of television," for it came into being gradually, through all of their efforts combined.

Tube concludes with a look at the future of television in the digital age. Over the next ten to fifteen years, the American public will increasingly receive television programs as digital signals, collapsing the separation between television and the Internet. With this great metamorphosis approaching, it is a particularly good time to look back at television's past. Tube will tell the MTV generation, if anything can, the story behind the device that has shaped them. It will explain to the nonscientist how television actually works, and it will tell us all about the men who devoted their lives to inventing it and who deserve greater fame.

David E. Fisher, an author celebrated for his ability to make science understandable, and his son Marshall Jon Fisher, have created a book that is more than the history of an invention. It is a compelling story of eccentric personalities, exciting times, unbridled genius and greed. What did you expect? After all, this is TV.

Tube: The Invention of Television, ISBN 1-887178-17-1, 6 x 9", 448 pages, plus 16-page photo insert, \$30. Available in most major book stores, or order direct from: Counterpoint, 1627 I Street NW, Suite 850, Washington, DC 20006, tel. 202-887-0363; fax 202-887-0562

AND THAT'S LONG BEFORE SONY...

Mortality among radio receiver manufacturers is notoriously high. Brand names, vanishing from the market since the business began, now total 788, according to Zenith's H. C. Bonfig (*Electronics*, May, 1949).

TUBE-F-O DEPARTMENT

Tucson, this is Air Force 514.

Roger, 514, this is Tucson - go ahead.

Tucson, 514... I'm at one-four thousand above Sierra Vista... um, something strange here... do you see any traffic near me on the radar?

514, Tucson... Uh, no joy... we've got you on the scope OK, but there's no other traffic. What are you seeing?

Tucson, 514. Off to starboard there's a group of shiny objects about 1000 feet above me... they appear to be flying in line formation... each one has an orange glow inside... funny colors - looks like glass... almost like a bunch of huge radio tubes... looks like a big RK-20, maybe an 807, possibly an 808...

514, Tucson... umm... are you sure your oxygen's working OK?

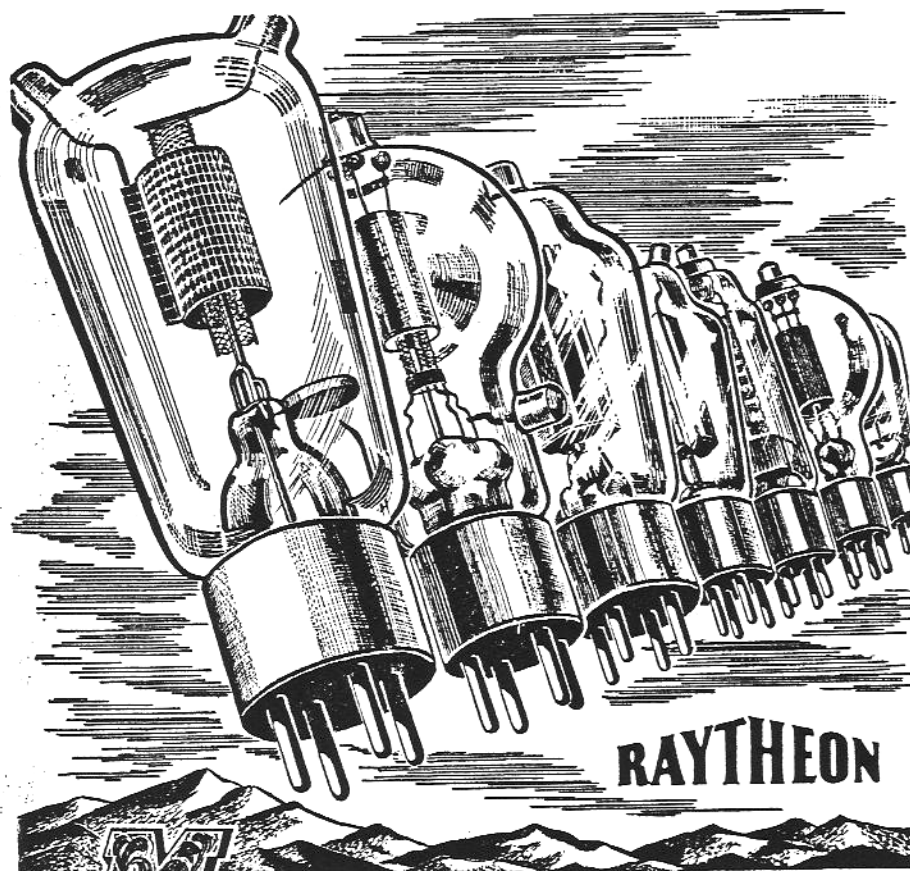
Tucson, 514... oxygen's working fine... the objects are speeding up and coming down to my altitude... now they're just off my wing... weirdest thing I ever...

514, Tucson... didn't copy; say again your last.

514, Tucson... missed your last transmission; say again your last.

514, Tucson... do you read me? Do you want to declare a traffic emergency?

514, Tucson... do you copy?



MILEPOSTS IN THE PROGRESS OF RESEARCH!

RAYTHEON tubes for the peacetime electronic era will incorporate all of the engineering skill gained through scientific accomplishments in wartime.

Your new RAYTHEON tubes will be adaptable to a wide scope of newly developed uses... with performance characteristics that have been time-tested through service in stringent military campaigns.

You can look to RAYTHEON leadership when you again purchase tubes... no matter what type of function your requirements may be... you will find a RAYTHEON tube designed and engineered to faithfully perform its task.

For military reasons tubes illustrated are not a new development.

Raytheon Manufacturing Company

WALTHAM AND NEWTON, MASSACHUSETTS

DEVOTED TO RESEARCH AND THE MANUFACTURE OF TUBES AND EQUIPMENT FOR THE NEW ERA OF ELECTRONICS

AF MUM IN UFO CASE

Tucson, June 14 (AP). Air Force investigators have released no new details in the case of a pilot whose plane disappeared Wednesday night in mountainous country near the Coronado National Forest. Major James Peterson of Luke Air Force Base was flying a P-47 fighter at 14,000 feet on a routine training mission. He reported seeing a group of unidentified flying objects "like a bunch of huge radio tubes" flying in line. The weather was clear and there was no report of mechanical trouble. Investigators today interviewed the tower operator at Tucson, who had been in contact with Peterson at the time of his abrupt disappearance from radar contact.

Civil Air Patrol search teams today called off their efforts to locate Peterson or his plane, saying that although the lightly forested terrain was easy to search, they had seen no indication of wreckage. Meanwhile, the pilot of a United Airlines passenger flight who had been in the air some miles away reported seeing an unusual orange light in the sky about the time Peterson disappeared. Local rancher Juan Gonzales, interviewed by the Pima County sheriff's department, said he'd seen a red-orange glow moving slowly toward the horizon at about the same time.

Major Peterson was an electronics expert and an experienced pilot with extensive combat experience in the South Pacific. Air Force sources would not elaborate on his disappearance, except to claim that any suggestion of unidentified flying objects, much less flying radio tubes, was "ridiculous."

INDEX TO THE OSCILLATOR

Mike Koste started this little production four years ago, and it's covered a lot of club events, Philly-area broadcast history, etc. since then. It's time to index the back issues for handy reference.

In the listings below, each item is cited as month-year-page. An article of a page or more is shown with an asterisk. Two asterisks indicate an article of three or more pages.

An item cited may vary in size from a passing mention to a major feature. Because even scraps of information are often useful, the citations go to fairly fine detail. - LAS

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DELAWARE VALLEY HISTORIC RADIO CLUB

SUPER WINTER MEET - AUCTION

SATURDAY, FEB 15, 8 AM - 2 PM

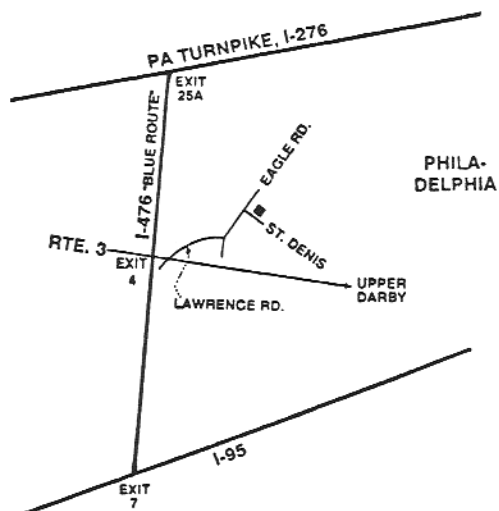
HAVERTOWN, PA

The Delaware Valley Historic Radio Club presents its all-indoors swapmeet/auction at the Grimes Center, St. Denis' Church, Havertown. Just west of Philadelphia, the site has easy access from the PA Turnpike or I-95. It is a large meeting hall with easy, ground-floor unloading from a generous parking lot. The auction is planned for noon, with multi-estate material and bring-ins; a partial list is available. Food and beverages available. Seller setup begins at 7:00 AM.

Directions: *From the PA Turnpike:* use Exit 25A (I-476 South) to Exit 4 (Rte. 3 East / Upper Darby). Take first left (Lawrence Rd.). At next light, go left onto Eagle Rd. At third light, turn right onto St. Denis Lane; head for Grimes Center on left. *From I-95:* Go north on I-476 to Exit 4 (Rte. 3 East / Upper Darby). Take first left (Lawrence Rd.) At next light, go left onto Eagle Rd. At third light, turn right onto St. Denis Lane; head for Grimes Center on left.

Rates: \$2 to buyers. For sellers, they are \$15 per table in advance, \$20 on the day of the event; extra tables \$3 less. Reservations are strongly advised - just send a check, payable to DVHRC, to 1649 Yellow Springs Rd., Chester Springs, PA 19425 by Feb. 10.

Contact: Dave Abramson, (610) 827-9757.



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