

All the Electrons that are fit to flow.



OSCILLATOR

The Official Newsletter of the DVHRC

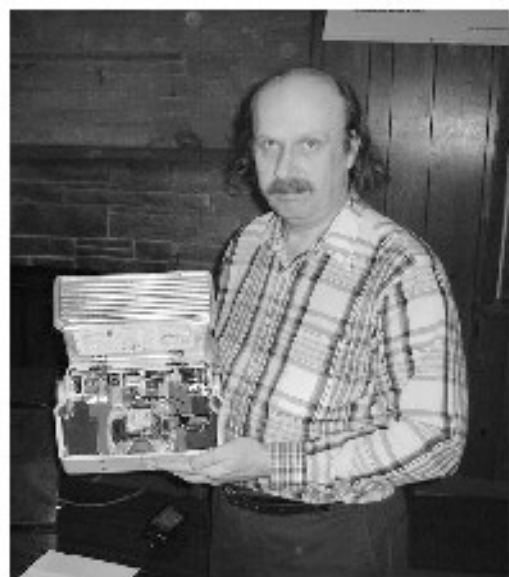
Vol. 10. No. 1, March, 2002

DVHRC at Kutztown, Show and Tell

*DVHRC Meeting notes and minutes respectfully
submitted by Dave
Snellman, Secretary*

The month of February and our
monthly meeting have come and
gone. Here's what happened for
those who could not attend.

After the meeting was called to
order, we jumped into the
evening's agenda. The first item
was a motion to make the monthly
meeting notes become the
"official" meeting minutes of our
club. After a motion and a second, the 35-plus members
approved the motion. So welcome to the meeting notes, now
our official meeting minutes. (Please note: Anyone seeing
any mistakes or omissions in these minutes, please contact
Dave Snellman, club secretary at 215-345-4248, leave
message, or via email at snellman@bucks.edu.)



The treasurer's report shows the club to be on sound financial
footing. We have approximately \$6700 in the bank account.
\$837 was taken in so far as dues for 2002.

The membership report shows we have 65 paid
members at this time. As of March 2002, the
Oscillator will only be mailed to members on
good standing. If you have mailed in your dues
and your mailing label still indicated "2001,"
please contact me (number and email listed
above.)

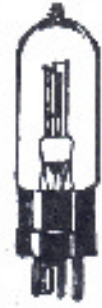
We had a few visitors with us. One joined our
ranks. Please welcome Marco Giallella to the
club.

In other club business, the swapmeet was discussed. We have
two dates for the Kutztown Radio Meets. The first is Jun 15,
2002. It's a Saturday. Vendors are welcome to come to
Renningers the night before. Camping is free. What a great

opportunity to fellowship with other radio enthusiasts. We'll of

Inside the Oscillator

Publishers page.....	2
Editors notes, meeting notes con't....	3
Upcoming events.....	4
Members collection HMV 900.....	5
Airwaves Timeline.....	6
Airwaves con't.....	7
Business cards.....	8



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Next Meeting
March 12, 7:30pm
Telford Community Center

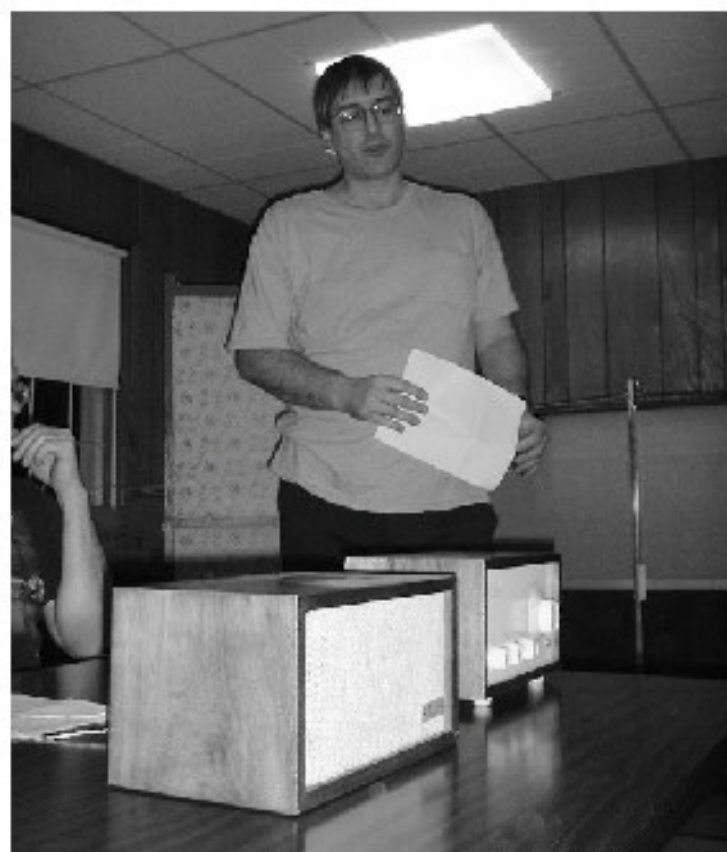
Newsletter of the
Delaware Valley Historic Radio Club
P.O. Box 847
Havertown, PA 19083

course have an auction at the meet with the proceeds benefiting DVHRC. There was a lot of discussion about the form of the auction and about inviting our neighboring club, the New Jersey Antique Radio Club to participate in some form of a joint meet. Other suggestions for boosting the meet included a possible radio raffle and a radio contest. Stay tuned for more details.

The club is sending out a "call" for future programs or presentations for our monthly meetings. If you have some information - practical, technical, or whatever that you think others might enjoy, let us know. Give the information to either Ted Sorwick or Dave Abramson. 15 to 40 minutes is sufficient for a presentation. Presentations are really the thing that draws people to our meetings.

We've set the date of July 9th for an informal "tailgate" auction to take place at our meeting. The lot is adjacent to the meeting room. More details will follow about the time and how we'll run it.

The evening's program was the ever popular "Show and Tell." Seven members shared items of interest with all present. First up was Mark Thierback. He shared an early Arvin transistor portable radio with us. Not to be outdone, Art Larky showed an early GE transistor radio from around 1957. Art also brought an example of an electrostatic deflection CRT - at least the neck of it.



Switching gears from radio to TV, Dave Abramson showed an example of mechanical television. He brought a "kit" consisting of a camera and a receiver that demonstrated how mechanical TV worked. The kit was offered for sale by Pete Yanzer, an authority on mechanical TV and our resident TV collector just couldn't resist. To build on the TV theme, Lewie Newhard showed an item that

looked like a normal radio from the 1930's. It turned out to be a 1932 Jenkins television receiver, consisting of 8 tubes. Made by DeForest radio, it used the shortwave band for tuning in TV signals. As the label said, "for the thrill of thrills, tune in 737"

The Oscillator is published monthly by members of the non-profit DVHRC. Its purpose is to provide a forum to discuss, inform, educate and communicate with collectors and providers 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 disks should be in Word and jpg formats.

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To join DVHRC dues are \$15 per year. The membership year runs from 7 - December. Please send us the club P.O. box above.

Meetings are held the second Tuesday of the month at 7:30pm in the Telford Community Building, Telford, PA.

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Material submitted is subject to acceptance and editing by the editor. A full page article is approximately 400 words. Printed photos may be submitted for scanning. JPG files should be under 100K.

To show that there are many varied interests in our club, the next item took to the days of early "Hi-Fi." Chuck DiGiorgio showed an example of the first KLH hi-fi table radio. It utilized two 6BM8 tubes in the output stages. The radio worked and sounded good. Henry Kloss, of KLH fame, recently passed away. Chuck also reported that you can get hold of Henry's latest offering, a table radio named "Tivoli." Check the December 2001 issue of *Radio Age*, the MAARC newsletter for a review of the new radio.

From radio to TV to hi-fi, the next move was to early computer equipment. Bill Overbeck had a few items to show. First off, he showed a nice display of RCA's 501 computer head in various stages of assembly. Next, Bill had a "show and ask" item. It turned out to be a Western Electric paddle microphone, possibly from an early dictating machine. Bill brought us full circle - back to the world of transistor radios. Bill showed two very rare sets. First, an Automatic radio "presentation" set. It was a "Tom Thumb" model that used subminiature tubes. Next, from 1957, a Hoffman solar radio in a turquoise colored case. Bill had to part with quite a few "dead presidents" for this at Elgin, IL.

Closing out our "show and tell" was Pete Grave. Pete showed a nice RCA set with a unique twist. The set was made in West Germany, however, it uses all American tubes. The set tunes LW, BC, and SW.

The meeting then moved to the usual auction. Some nice sets found new homes, some didn't meet the minimum and returned home with the sellers. Lots of part lots, too.

Well, another meeting closed as the last items in the auction were cleaned up. The next meeting will be on Tuesday, March 12th at the Telford Community Center on Hamilton St. in beautiful downtown Telford. 7:30 PM is the kick-off time. Hope to see you there.

From the Parts Bin Dave Abramson, Editor

Another issue, another good month for the DVHRC. In case you don't read the fine print on the masthead, we have rolled over into volume 10 of this fine enterprise. 9 years of reporting, researching, typing and printing by the likes of Scoop Sibley, Grantland Klase, and whatshisname, your current editor and all of the contributors who have helped.

The fun part of this job is the education one can get just putting together these issues. The history and the depth of knowledge of the members and collectors is amazing. The contributions from members, the old articles available, and the internet make every issue worth the time and expense it takes.

This month, I am starting an ongoing feature of member collections or items of interest. We all have history sitting on our shelves and workbenches. Share it so we all learn. I hope you benefit from a small tour of British television history.

This is more than buy and sell. It is stewardship. It is history only if it is shared by your knowledge. Otherwise, it is only a memory.

-ed-




LIVING ROOM TELEVISION

After the original design of a single screen, the first television set was designed by John Logie Baird in 1928. It was a mechanical system that used a series of lenses and mirrors to project a moving picture onto a screen. The first electronic television set was developed by Philo Farnsworth in 1929. It used a cathode ray tube to project a moving picture onto a screen. The first color television set was developed by John Ziegler in 1953. It used a cathode ray tube to project a moving picture onto a screen.

JENKINS Television Corp.

PASSAIC NEW JERSEY



PARTS WANTED - Looking for pre-war Philco parts for restorations.
Loose parts, speakers, parts sets. Contact Lewie Newhard, 610.262.3255.

UPCOMING EVENTS:

It's still winter even though the weather seems to say spring! With that in mind here's a list of radio meets to mark down on your calendar.

Spring Meet in the Carolina's - March 21 through 23, 2002. Sheraton Charlotte Airport Hotel. Sponsored by the Charlotte chapter of the AWA. Contact Ron Lawrence at 704-389-1166 or check out www.cc-awa.org.

New Jersey Antique Radio Club Swapmeet - Saturday, March 30, 2002. North Centerville Vol. Fire Co., Hazlet, NJ. Located off exit 117 of Garden State Parkway. Contact Marv Beeferman at 609-693-9430 or Phil Vourtsis at 732-446-2427.

Antique Wireless Association Spring Meet - May 4, 2002. AWA Annex, Bloomfield, NY. Contact Ed Gable at 716-392-3088.

RadioActivity - May 16 through 18, 2002. Sheraton College Park, Beltsville, MD. Sponsored by Mid-Atlantic Antique Radio Club. Contact Brian Belanger at 301-258-0708 or check out www.maarc.org.

Kutztown Radio Meet and Auction - Saturday, June 15, 2002. Rennigers, Noble Street, Kutztown, PA. Check future Oscillator editions for more details or contact Lewie Newhard at 610-262-3255.

New Jersey Antique Radio Club Swapmeet - Saturday, July 27, 2002. Dover, NJ. Contact Marv Beeferman at 609-693-9430 or Phil Vourtsis at 732-446-2427.

Antique Wireless Association Annual Conference - August 28 through 31, 2002. Rochester Institute of Technology Inn, Rochester, NY. Check www.antiquewireless.org for details. (NOTE: Tube Collectors Association will hold a session on Tuesday prior to the AWA meet.)

Kutztown Radio Meet and Auction - Saturday, September 14, 2002. Rennigers, Noble Street, Kutztown, PA. Check future Oscillator editions for more details or contact Lewie Newhard at 610-262-3255.

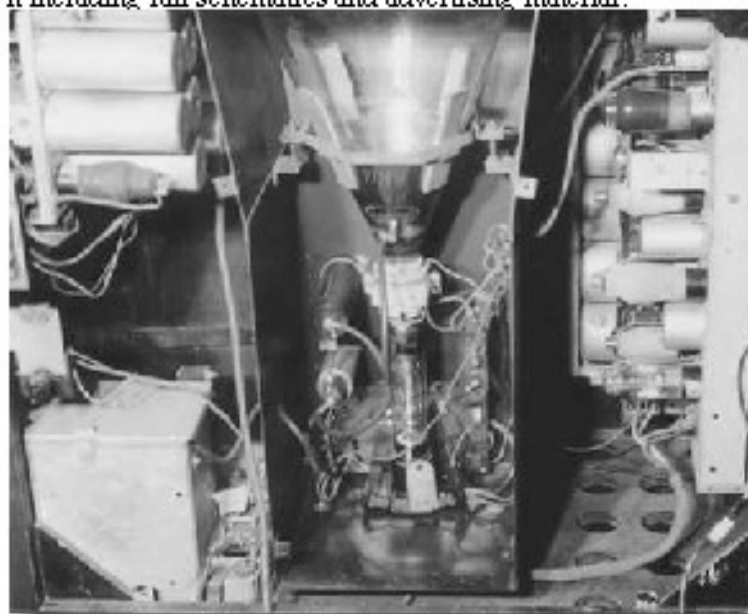
That's the list for now. If you know of upcoming events that would be of interest to club members, please let me know. Contact Dave Snellman at 214-345-4248 (leave a message) or e-mail me at snellman@bucks.edu. Feel free to include hamfests, club related events, flea markets, auctions, or whatever you feel would interest your fellow collectors. Don't be afraid to share!

British HMV 900 Television/Radio Receiver

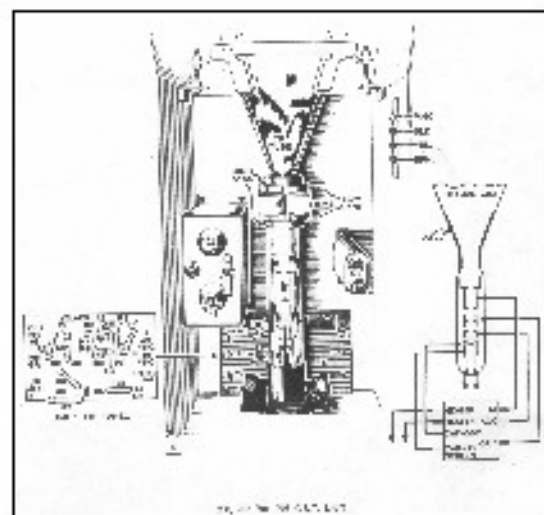
To get a start on articles featuring members collections or special items in a collection, your editor is kicking it off with a look at the newest addition to his collection of mahogany monsters. This set is a 1936 HMV 900. At this point in history, HMV was a badge name of EMI (Electrical-Musical Industries) which was formed from the merger of Columbia Gramophone Company and HMV in 1931. This set was available in almost identical models badged Marconi and EMI. There were about 7 console models varying from television only to the gigantic "Console Television Auto-Radiogram". This set was in the middle of the range.

This set's particular ownership and travel destinations are lost to time save that I bought it from a collector in Michigan. I picked it up in the middle of February as you see it. The CRT was removed for travel. It is a 12" mirror-view model with only one television channel available...the only one the BBC had with vision at 45 mcs. and sound at 41.5 mcs.

The set has been modified to receive NTSC 525 broadcasts by installing a home-made tuner subber and injecting the IF in place of it's original tuner. Audio is tuned in as a separate band on the 5-band receiver. They are 7.23m (television), 16.7-53m, 46-140m, 185-560m, and 750-2200m. It has sufficient range in it's sweep circuits to allow retuning to 525 from it's original 405 standards although this has diminished the brightness of the picture. It is still operating on 220v, and so I am awaiting the proper transformer adaptor before I fire it up. It did come with copies of almost everything ever printed about it including full schematics and advertising material.



UL-4 radio chassis, UL-4TV chassis, C-CRT assembly, R-RF chassis. The 4 support wires around the non-illuminated CRT cause a 'cathode glow' look as the picture warms they come up to potential. The neck of the CRT is removed so the coils can be changed around the tube, not slipped on. The 1/2" x 1/2" back panel cover for the CRT enclosure removed for the photo.



ELECTRONIC CRT ENCLOSURE DIAGRAM. Note the side connection soldered connections.



HMV 900 in its original. Picture cabinet on left. Radiogram right.



HMV publicity photo




AIRWAVES TIMELINE

"This Month in Radio History" Compiled by Mike Koste

March, 2001

MARCH 18, 1922 In Philadelphia, Strawbridge & Clothier's WFI signs on, sharing time with Lit Brother's WLIT. The two stations merged in 1935 resulting in WFIL, now operating at 560 kHz.

MARCH 17, 1924 Harry Horlick and The A&P Gypsies make their first regularly scheduled appearance on WEAF, New York.

MARCH 19, 1928 Initial broadcast of "Amos 'n' Andy" on WGN, Chicago. NBC network slot begins one year later.

MARCH 6, 1931 Dramatized news events were heard live, nationwide, and elaborately produced as "The March of Time" begins on CBS.

MARCH 17, 1931 Although Kate Smith spent her salad days at CBS, her first show, "Kate Smith Sings", was a fifteen minute program that ran for six weeks on NBC.

MARCH 1, 1932 The classic sitcom "The Easy Aces" starring Goodman and Jane Ace begins a three night a week run on CBS.

MARCH 15, 1932 New Jersey Bell, Western Union, United Telephone and Postal Telegraph scramble to provide adequate wire facilities out of Flemington, NJ to satisfy the press services and radio networks reporting of the Lindbergh kidnapping. NBC, CBS and WOR coverage goes 'round the clock.

MARCH 12, 1933 Realizing the power of radio as a valuable communications tool, President Roosevelt delivers his first "Fireside Chat".

MARCH 24, 1935 NBC network premiere of "Major Bowe's Original Amateur Hour".

MARCH 25, 1938 One of radio's earliest cash giveaway shows, "What's My Name" is first heard on the Mutual network. It's also the listener's introduction to hostess, Arlene Francis.

MARCH 14, 1940 In sponsoring Lowell Thomas' newscast on experimental station W2XBS, Sunoco becomes television's first regularly scheduled advertiser.

MARCH 23, 1940 Ralph Edwards hurls his first custard pie as "Truth or Consequences" (and Beulah the Buzzer) is first heard on CBS radio.

MARCH 31, 1941 In compliance with the Havana Treaty, a wholesale switch of AM radio frequencies goes off without a hitch.

MARCH 1, 1942 The War Department's Special Services Division launches "Command Performance", an extravagant, star-studded variety program transmitted by shortwave for U.S. troops fighting overseas.



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MARCH 23, 1942 The War Department's Office of Censorship bans any mention of weather conditions during baseball broadcasts.

MARCH 27, 1943 Sponsor Pabst Brewing Company takes a chance on Groucho Marx. "Blue Ribbon Town" doesn't generate much enthusiasm and disappears eighteen months later.

MARCH 24, 1947 Since their proposed system is not fully compatible with black and white telecasts, the FCC denies CBS's petition for commercial color TV operations.

MARCH 1, 1948 Dallas broadcaster Gordon McLendon launches The Liberty Broadcasting System. Using wire service reports and sound effects, this 400 station network aired realistic "re-creations" of major league baseball games. Team owners didn't take kindly to McLendon's programming and, in 1952, forced Liberty off the air.

MARCH 15, 1948 Philadelphia's WCAU-TV signs-on.

MARCH 21, 1948 ABC scores its first major hit with the musical quiz show "Stop the Music", hosted by Bert Parks. (With jackpots of up to \$20,000, why would anyone want to listen to Fred Allen on NBC? Allen's rating tumble)

MARCH 3, 1949 Philadelphia's WFLN (now WEJM) signs-on with 50 kw at 95.7 mHz.

MARCH 18, 1949 The maiden telecast of Lancaster, PA's WGAL-TV. (Originally on channel 4, they moved to channel 8 in 1953.)

MARCH 2, 1953 ABC's New York flagship stations WJZ-AM, FM and TV drop their historic call signs in favor of WABC-AM, FM and TV. (WJZ-TV calls later assumed by Westinghouse station WAAM-TV in Baltimore.)

MARCH 28, 1954 The Institute of Radio Engineers Convention in New York City witnesses a demonstration of the first transistorized radio receiver.

MARCH 29, 1954 RCA begins marketing the fifteen inch CT-100, considered the first production color television, selling for about \$1000.

MARCH 14, 1955 65 million viewers see Mary Martin fly as "Peter Pan" on NBC.

MARCH 25, 1957 Dumont shells out a record \$7.5 million for New York radio station WNEW.

MARCH 22, 1965 New York's Westinghouse station WINS (1010 kHz) inaugurates an all news format.

MARCH 25, 1968 The Ford Foundation establishes The Children's Television Workshop, which would go on to produce "Sesame Street" and "The Electric Company".



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<http://pw2.netcom.com/~firstake/dvhrc.htm>



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