

All the Electrons that are fit to flow.



OSCILLATOR

The Official Newsletter of the DVHRC

Vol. 16, No. 1, December, 2007

Christmas Dinner and Elections at the DVHRC

Meeting notes by

Dave Snellman and Dave Abramson

The holidays are almost here...and the Christmas dinner is cooking for the next meeting. We want to feed you and give you the best of DVHRC holiday cheer. As usual, there will be the Pollyanna gift exchange. Bring a gift...get a gift. Try to keep it to a \$20 max but if you have a Stratosphere to get rid of and want to wrap it, no one will complain.

We do need to hear from you quickly to make the food preparations. Call your editor at 267-236-4759 or email me at dabramson@phillies.com to make your reservation for dinner. I need to hear by late Monday.

The November meeting of the DVHRC was held on the 13th. The main item of business was the nomination of the candidates for Board of Directors for 2008.

The nominees are:

- Stan Saeger
- Dave Abramson
- Dave Snellman
- Mike Koste
- Pete Grave
- Lewie Newhard (con't next column)



Chuck Azzalina

Mark Thierback

Dan Schwartzman

The election will be held at our December meeting on Tuesday, December 11, 2007 at the Telford Community Center. All members in good standing are invited to vote. Of course, that meeting is also our annual holiday party – so bring up appetite again to the meeting also.

In other news, our newsletter is now “on line.” It is in color! It also saves the club on mailing it out each month. If we can get

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Next Meeting Program

**Christmas Dinner
Elections**

December 11th, 7:30pm

Newletter of the
Delaware Valley Historic Radio Club
 P.O. Box 5053
 New Britain, PA 18901
 www.dvhrc.org

get the news out in this fashion, the club could potentially save over \$1000 per year.

We had a short video, outlining the development of "all electronic" television – as told by RCA. The film was from 1956 and included comments by David Sarnoff and Vladimir Zworykin. Much discussion followed the video.

The auction included a crop of radios from Mike Koste for clearance. Your editor was stunned to find himself buying the bakelite twin to his Sears Ingraham. And a curious Martial radio from California made by Searle Aero Industries with no logical tube line up went to a good home.



Several photos were shot of the tube chart for posterity.

It's also time for a word from our sponsor. 2008 membership dues are due. The club does not "pro-rate" membership. The dues are \$20.00 per person per year.

DVHRC BOARD OF DIRECTORS

Dave Abramson
 Pete Grove
 Lewis Newhard
 Stan Saeger
 Dave Snellman

FOUNDING PRESIDENT

Jay Daveler

OFFICERS

President: Stan Saeger
 Vice-president: Dave Abramson
 Secretary/Treasurer: Dave Snellman

OSCILLATOR EDITOR

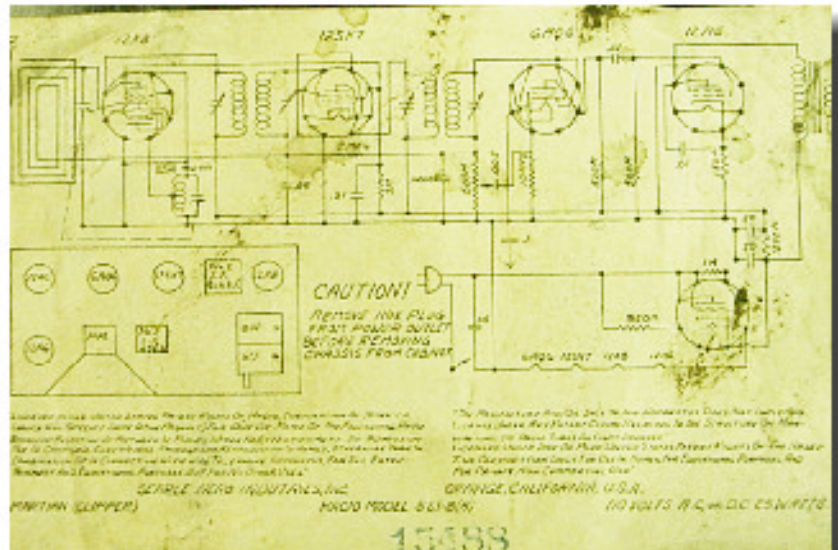
Dave Abramson

CONTRIBUTIONS AND ADS

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 dabr@att.net
 (deadline is the 20th of each month)

What do you get for your dues you ask? The "Oscillator" – the club newsletter is one of the prime expenses the club has. We also have to pay rent for the meeting hall. The club has to maintain liability insurance. There are advertisement costs associated with the swap meets. The holiday party and food for the volunteers at the swap meets come from our dues.

So it's time to say "Have a Happy Holiday" season and we look forward to seeing you



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

From our President Stan Saeger

Help your club have more informative and interactive meetings

Starting with the January 2008 meeting we'll be having a new item on each meeting's agenda, 'My Favorite Radio' (or a catchier title if anyone has an idea). Maybe an unusual radio, the radio that got you started in the hobby or one that is different electronically. Here's how it will work: Each month a member will bring in a radio or other item and share it at the meeting for 5-15 minutes -- a bit more involved than the show and tell, but not a full presentation.

When the talk is complete, the next month's slot will be open to volunteers and assigned. The same thing happens the next month - a short talk followed by assigning the next month. This way, each month is covered and you have time to prepare.

This is your chance to help to make *your club's* meetings more interesting. Since this is my idea, I'll jump in and do January 2008.

As always, the Board appreciates more involved presentations by members.

And if you want to decorate your Christmas cards, check this website;

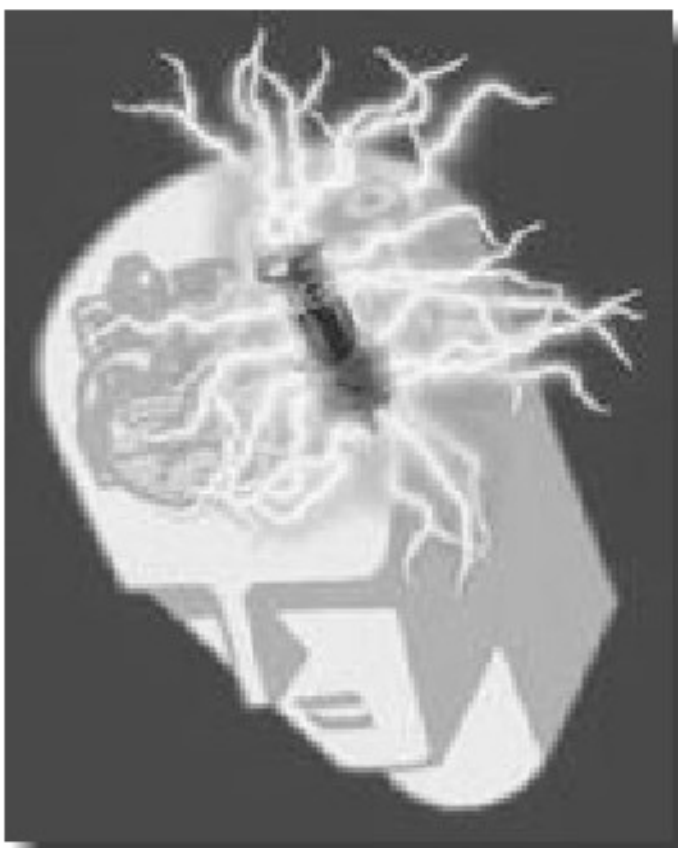
<http://www.antiqueradio.org/art/rm29011.jpg> - nice Christmas radio artwork.

Stan Saeger

Low Voltage by OH 6L6

How low can you go in voltage and still get good radio reception? Collins had a version of their 390 series that ran on 28 volts. It is a great performer. Years ago, 32 volt farm radios were great radios. Philco had a farm set with an odd power plug, parallel 48 audio tubes and no power transformer.

I once cut the voltage on an S40 Hallicrafters to 40 volts and still had good reception. 7ma of plate current to the 6F6 output. It sure was quiet radio off-station. Total set drew 18ma. In Europe, cars are switching to 42 volt batteries. No doubt they will be here soon. Then we will have a substitute for the expensive 45 volt "B" batteries. Savings in heavy copper wire was the aim of the 42 volt systems. LED's will soon be used in everything but headlights and may never need replacing.



2008 "This month in Radio History" by Stan Seager**January**

1923 WEAF and WNAC conduct first wired simulcast

1929 Paley incorporates Columbia Broadcast System

1929 de Forest patents Audion tube

1932 The Shadow debuts on CBS

1940 Armstrong demonstrates FM to the FCC

February

1878 Edison receives patent for phonograph

1916 Alexanderson successfully tests multiple tuned antenna

1927 Radio Act of 1927 is approved

1927 President Calvin Coolidge signs Public Law 632, the Radio Act of 1927, to create the Federal Radio Commission

1927 President Coolidge creates Federal Radio Commission

1929 RCA Victor formed.

1934 FCC grants 500kW license to WLW for W8XO

1934 President F.D. Roosevelt urges Congress to create the Federal Communications Commission

1942 VOA begins operations from New York City

1949 45 rpm discs are introduced by RCA Victor

March

1897 Marconi granted first wireless patent

1899 Marconi transmits across English Channel

1902 Stubblefield demonstrates ship-to-shore broadcast to multiple receivers

1910 DeForest experimental radio broadcast from Met, NY

1922 'Radio Sweeping Country-Million Sets in Use' is the headline in Variety

1925 First radio Presidential inauguration (Coolidge)

1927 Federal Radio Commission holds first meeting

(more next month)

DVHRC RADIO STORE

CAPACITY	VOLTAGE	LIST PRICE		CLUB MEMBER PRICE	
		QTY/25	EACH	QTY/25	EACH
.001	630v	\$7.20	.35	\$6.00	.28
.0047		\$7.50	.35	\$6.25	.29
.0058		\$7.60	.36	\$6.35	.30
.01		\$7.80	.36	\$6.50	.31
.022		\$8.30	.37	\$7.00	.33
.033		\$8.60	.42	\$7.25	.35
.047		\$9.00	.43	\$7.50	.36
.1		\$9.60	.48	\$8.00	.48
0.22		\$18.00	.86	\$15.00	.72
0.47		\$24.00	\$1.06	\$20.00	.96
1.0		\$31.20	\$1.50	\$26.00	\$1.25

ELECTROLYTICS:

		QTY/10	EACH	QTY/10	EACH
10	160v	\$6.60	.70	\$5.50	.64
22	160v	\$7.70	.90	\$6.40	.75
33	160v	\$10.10	\$1.30	\$8.40	\$1.01
47	160v	\$11.50	\$1.40	\$9.60	\$1.16
10	450v	\$9.00	\$1.10	\$7.50	\$1.10
22	450v	\$13.30	\$1.45	\$11.20	\$1.20
47	450v	\$21.60	\$2.50	\$18.00	\$2.10
100	450v	\$34.50	\$3.20	\$28.50	\$3.85

**AND NOW AVAILABLE; LINE CORDS, DIAL LAMPS,
TUBES, DVHRC SPORTSWEAR**



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