



The Oscillator



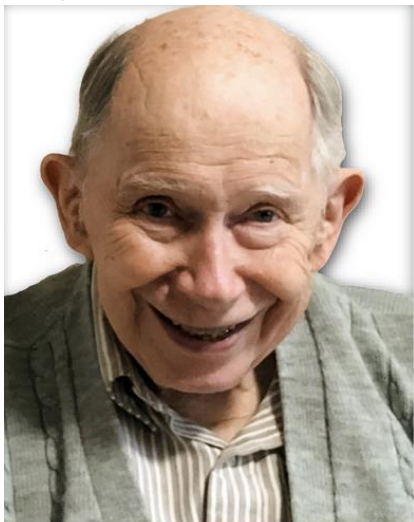
"All the Electrons that are Fit to Flow . . ."

THE OFFICIAL NEWSLETTER OF THE DVHRC

FALL 2021

In Loving memory of Lowell Shultz and Chuck Azar

It is with our deep sadness, that we mark the passing of two great members of the DVHRC earlier this year. On July 27th, Lowell Shultz passed peacefully at the age of 92. He was a man of many interests and talents and generous with his ability to repair almost anything. He liked to say he was "always a fixer." From a very young age he was creative and a maker. As late as this year he was passionate about being on the cutting edge and enjoyed designing and printing items on his 3-D printer.



In his retirement he also enjoyed woodworking, restored dozens of antique radios, contributed to repairs of the Ann's Choice Retirement Community model train

platforms, and learned how to fly radio controlled planes. Many of us were privileged to have witnessed many a story at club meetings as told in his unique mild-mannered Midwestern way during much of the DVHRC's existence. He grew up on his Wisconsin family farm and tended animals along with many other daily tasks before electrification of these small family farms. Lowell's life spanned incredible changes in technology and as an electronic engineer at Honeywell, he saw change at the highest levels having worked on the Apollo Space Program. Please see more on Lowell's lifetime passions at:

<https://www.wetzelandson.com/browsablerecord.php?recid=25450>

Many of us have benefitted from acquisition of his test equipment and instruments in recent years such as this home-brew Variac used by this editor.



Typical qualities of this unit is Lowell's attention to detail, design, clear labeling, all safety features, and a hand-made wooden cabinet. Most will remember the incredible wood work and restorations he did on raffle radios owned by many lucky winners and his stories of cabinet triage projects. Lowell, we of the DVHRC have been blessed to have your friendship for all these years - RIP good friend.



More recently was the passing of Chuck Azar in October 2021. Chuck had an endearing personality and shared many moments and stories with our club membership and all he met along the way. He will be remembered by those he met while hanging at the Kutztown Radio Meets. The testament to the love he gave and received is recorded on his recent Facebook timeline upon his passing. Some comments recorded include: "Chuck was a remarkable, kind and wise person who brought joy to many people



**Delaware Valley Historic Radio
Club**

**PO Box 5053
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www.dvhrc.com**

The Oscillator is the quarterly newsletter of the Delaware Valley Historic Radio Club.

Articles on radio and television history or collecting can be submitted by the 25th of month prior to quarterly issue dates of April, July, October and January to the editor at gdottor@yahoo.com.

Personal views, opinions and technical advice do not necessarily reflect those of members, officers or Board of Directors of the DVHRC, nor is the DVHRC responsible for any buying or selling transactions.

Dues are \$20 per year and can be paid at a meeting or mailed to the above address. Meetings held 2nd Tuesday of each month at Telford Community Center.

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fortunate to cross paths with him." "Chuck was a pioneer, a visionary who had an insatiable appetite for life. I was fortunate enough to intern for Chuck at *Instant Replay* and it was there that I began my career. I will forever be indebted to him." "Those of us who are interested in one of Chuck's passions -- vintage TV sets -- remember the boyish vigor with which Chuck approached any restoration. I am honored to have served with him on the board of the Early TV Foundation. We will remember Chuck and his passion for the electronic magic of television."



"Chuck was a great uncle. Always had cool digs, a cool car and he motivated and challenged me throughout my life." "Thanks to everyone who sent kind comments or shared memories. I have no words to describe my sadness for losing my husband of 38 years. He was all of what was said about him in the comments above....and so much more."



What you may not know about this renaissance electronics guy follows.

Instant Replay was the first magazine-format, direct-to-video program for home-video consumers. Established by Miami, Florida, entrepreneur Chuck Azar in 1977, and released on VHS and Beta-format videocassettes through 1982, it contained segments devoted to live music performances, reports from technology and electronics conventions, interviews, bloopers and other off-air content from network- and cable-television satellite feeds, and home-video hobbyists' contributions, among other content.

Chuck also served on the board of the early Television Museum of Hilliard Ohio and mentored members in TV restoration.

[https://en.wikipedia.org/wiki/Instant_Replay_\(magazine-format_video\)](https://en.wikipedia.org/wiki/Instant_Replay_(magazine-format_video))

<http://www.earlytelevision.org>

Both Chuck and Lowell continued their curiosity and quest for knowledge and accomplishment throughout the entirety of their lives- great examples to be followed. Chuck had ordered a substantial amount of capacitors from the club back in January as he was restoring some TV sets at that time. We have seen that Lowell also kept a keen eye on the latest 3D printing technology and more. We are indeed so much better for having known and been friends with these two fine people!

Kutztown XLIV Review



The DVHRC meeting following our Kutztown events features a discussion of successes and also aspects we can improve. We tend to be tough on ourselves when we miss something but it is always with the goal of making it better for you! The Thursday noon line of vehicles seeking entry was longer than usual and will be improved for our next show. We were short on staff much like other organizations in these days and apologize for longer queueing time of entry and will remedy for next time. The K-44 Friday night auction featured a tremendous number of lots, over 300! Pete Grave was the marathon man as the auction went the better part of three hours. Darren and John served as administrators of this auction and with the help of Ruby as clerk for the first time, did a fabulous job keeping everything under control. Stan Saeger's estate was the big draw and there were some true bargains and passing of Stan's collection to many of us- in an auction of this size, there were many bargains to be had. Many thanks for John Hagaman's excellent coverage; or look at DVHRC website/Kutztown Radio Show to load: <https://john-h.smugmug.com/Kutztown-Radio-Meet-XLIV-Fall-2021-/?fbclid=IwAR1YLOMlpBNt8CiR-H6WEFw-zwsUO0HvTgWnDaPLRkKqgh9iOOJT3CdHObU>

Below: Kutztown 44 was where our Zenith "Stratosbeer" saw its first action under the food pavilion with many appreciative fans of its style and what it dispensed. Sorry, this is a one of a kind never to be duplicated.



Tubes Needed for DVHRC Kutztown Inventory



Earlier this year on June 19th the club got together to perform a tube stock inventory and reorganization. Thanks to Walt, Mark and the crew to go through a good number of racks with more to be inventoried at a later date. After Kutztown XLIV, we can say the sales of tubes at the club table may have been constrained due to the lack of audio tubes such as the

12AX7. So again, we make an impassioned appeal for replenishment of those most sought after audio tubes! During your winter appraisals, be generous by donating to DVHRC's tube program! Following are a list of the tubes the club is looking for. Mark and others will test tube and the DVHRC will be grateful for your efforts.

Any and all Globe tubes,

Any high end audio tubes ,

Any "unusual" transmitting tubes.

5751	10
5842	12A7
6AQ8	2A3
6AZ8	45
6BD8	6Q7G
6DC8	6U7G
6BK8	85
396A	12AX7
417A	83
6072A	6SN7GT
EL37	1L6
6A3	50A1
6F5	6L6GC
6F6	6L6GAY
6L6GA	6L6GB

Some Housekeeping Notes

We apologize for missing the summer quarterly edition as our goal is to produce newsletters on a normal basis. Please advise of desired format changes or features you would like to see in publishing future editions. Web references herein may need to be copied or manually entered into your browser. We are always looking for a good story to publish, especially projects and technical fare which are harder to come by.

You may forward them to:

gdottr@yahoo.com

Club Events of Summer 2021

DVHRC met on July 13th at Telford for the first time since February 2020. It was great to again gather face to face. Dave Snellman presided as Jarret was vacationing that week. Discussion centered on the Kutztown Spring meet with the theme being European radios.



Above: Jiri Placek shows off a beautiful Philips 930A (nicknamed "Schinken" or, ham box) which is a regenerative TRF. The cabinet of the 930A is made of "Arbolite" - a Formica-like material made from layers of paper, cellulose and phenol resin, fused under high pressure, and finished with wood imitation print. **Below:** Close-ups of this beautiful specimen with 4 tubes. We all agreed that servicing later Euro radios can be a challenge due to the crowded, delicate circuitry arrangements.



Jiri also related that there were few superhets in Europe during the 1930's due to the smaller size of the countries and thus sensitivity was not as important as such sets, which when equipped with a longer antenna, worked well enough for tuning regional or state sponsored broadcasts. The set, produced by Philips in several countries was known to be of the "chapel" style similar in classification to the American "cathedral" style. The "ham box" nickname is due to ham being sold in a similarly shaped metal cans. Next Jiri showed an unusual set, a "wired" radio fed by a direct line or several signals running on the same feed. This set may have served at a hotel or within a building of some type. This set had several digital clocks, two power input voltages and a very unusual AM multiplexing scheme using three frequency bands (0-20 KHZ, 20-40 KHZ and 40-60 KHZ) which could presumably be either selected separately or combined? This radio was a mystery to Jiri's network of European/Soviet era collectors but made for some lively conversation.



On Saturday, August 14th Renningers outdoor pavilion was the location for our summer club member auction. These club auctions are typically where the deals are, as crazy Eddie would say, insane!



The quality of the items is typically held to a fairly high standard and seems to be a way to trade nice items between members. If you missed it, the Renningers venue was perfect and this auction which supplanted the normal August Tuesday night meeting at Telford.



Above: Mark Hilliard provided a display of his Trans-Oceanics at the Allentown Fair in Early September- great display, seen by many!

Request by America on Wheels Museum

Jarret has been in communication with Linda Merkel, the Executive Director of the America on Wheels museum in Allentown, PA., a museum displaying historic automobiles.

<https://americaonwheels.org/>.

Jarret has requested us to support and exhibit artifacts of the history of automobile radios. Linda is interested in doing a small, temporary exhibit of car radios with the help of the DVHRC. We were thinking of a "Timeline" that starts with the earliest radios from the 30's ending with an iPod and a USB cable used in the 2000's. We could have a few examples from each decade or era. It could also include other car audio devices such as under dash record players, 4 track and 8 track tape players, cassette & CD players as well. A timeline such as seen on: <https://www.caranddriver.com/features/a15128476/the-history-of-car-radios/>

could be created in a physical form that has 2 or 3 examples from each era. I was even thinking of the Philco chairside radio that has a car radio in a tabletop wood cabinet, or any other interesting auto-related items like that. [This opportunity is not limited to DVHRC members, so if you know of someone from another club or group has something terrific that would be a good fit, let us know!](#)

Space will be limited, but they will have wall space available as well, so if you have any advertisements or display signs, we would like to include those. We will want nice, clean items that display well. [If you have any of the above mentioned items, send Jarret a picture via email or text Jarret in a timely fashion who will share it with Linda.](#) Ultimately, the decisions will be made by the museum. She wanted to see some pictures of what we had to offer so they could calculate the size and scope of this display. I am very hopeful for this collaboration, as it will be a means of outreach for us to a crowd of folks that obviously have some interest in antiques & history, but may not be aware of us, or what we do. Your cooperation and expertise will be appreciated. In the next Oscillator, we shall cover car radio topics.

Meeting of 11.09.2021.

We were heartened to have Dave Snellman back at Telford this evening after he had been forced from his apartment during the catastrophic flooding of hurricane Ida set up shop over Bucks County in late August.

<https://www.buckscountycouriertimes.com/story/news/2021/09/07/perkasie-apartments-ida-flooding-bucks-county-montgomery-county-hurricane-storm-fema/5700165001/>

Dave related the details of losing half his collection along with all his service manuals and paper files as three feet of water quickly surged through his first floor apartment even floating his refrigerator. He was grateful for assistance of local groups and has gone through the complicated FEMA/SBA claims process over the past months and is just now able to relocate to a different and safer location. Dave was also thankful for the crew of DVHRC members- Mike Koste, Jarret, John Tyminski and Jim Amici helping him move items to temporary storage. We will have another opportunity to assist when Dave finally moves into the apartment in New Hope. Pete Grave also related the loss of many of the automobiles related to his business on his lot adjacent to the creek that fateful day, hopefully never to be relived.

Dave also lost the check stock from his treasurer's package among other paper reporting which he'll restore in 2022. Since the club is back at Telford for meetings, we will also be asking members to contribute their 2022 \$20 dues [but we ask you hold off on payments until January 2022.](#)

We also plan to meet as a group at the Red Cedar Inn on route 309 for our annual Christmas party. [Dec 14 @ 7PM \(come early for happy hour\)- Christmas Party at Red Cedar Inn, 249 Bethlehem Pike \(Route 309\), Colmar, PA 18915. Bring a gift for exchange as well if you wish!](#)

The DVHRC board will meet in January to decide on meeting themes for the year and also looks to you for some ideas, even repeats of past themes is okay. Please write down your ideas of types of radios or gear you'd like to see. Also, Jarret is planning to do some more video recordings to post on YouTube since the ones done previously such as "AA5" have been popular. These posts are a way to place valuable information at the fingertips of other hobbyists or future members and will be present on the web for many years! If you have an idea of a presentation, please let us know and we may even work into the theme structure of 2022. There is one demonstration of installation of speaker grill cloth planned TBA in the future in that vein. Please let a club officer know what you'd like to see! With the recent sad loss of members as reported above, we also want to update our contacts listing last distributed as a .PDF file and we'll get that done in 2022 as well after dues are paid. We hope that will also allow us to maintain contact with our DVHRC colleagues in the future

Availability of Specialized Parts.

Ed Schutz on his *Renovated Radios* website recently posted: "As of November 1, 2021, I will no longer be making parts for radios. I've been making parts for nearly 20 years now, and I just can't keep doing this forever. Age is playing a big part in my decision, along with a desire to do other things." Please view the remainder of Ed's

important message continues on the link below. Many parts including Philco button sets are already sold out as of this writing. Ed is hoping for an enterprising individual to assume his business of molding parts so we are all hoping that someone in the radio community steps up to this opportunity as well. For our part, we must keep supporting these types of replacement radio part fabricators as well!

<http://www.renovatedradios.com>

Following are some excellent programs and a reason to have multiple club memberships in our region's clubs! Paste links into your browser to load. We plan to resume a more complete listings in 2022.

MAARC November Meeting incl.

Tailgate Sunday, 11.21.21 see link below for times, protocol & location
<http://www.maarc.org/>

Kutztown Radio Show XLV (45)

Friday, 5.13.22 through Saturday, 5.14.22 opens 7AM on those days. See DVHRC website under Kutztown.
<http://www.dvhrc.com/>



Above: Halloween is every Saturday 8 PM. As seen on MeTV, the great Svengoolie what seems to be the Silvertone 7046 or similar era 40's console weekly on his colorful, busy set; more at: <https://www.svengoolie.com/>



Above: Celebrating the Roxborough towers of Philadelphia TV, FM and AM is New Ridge Brewing. Might make a nice Xmas present.
<https://beerappreciation.com/2021/06/28/craft-brewing-reawakens-in-roxborough-at-new-ridge-in-the-summer-of-2021/>



Above: Star of the DVHRC Kutztown 44 auction was Stan's restored Predicta.



The frost is on the pumpkin now so we now take time to broadcast our message of thanks for getting us through these past years with wishes for a better 2022!