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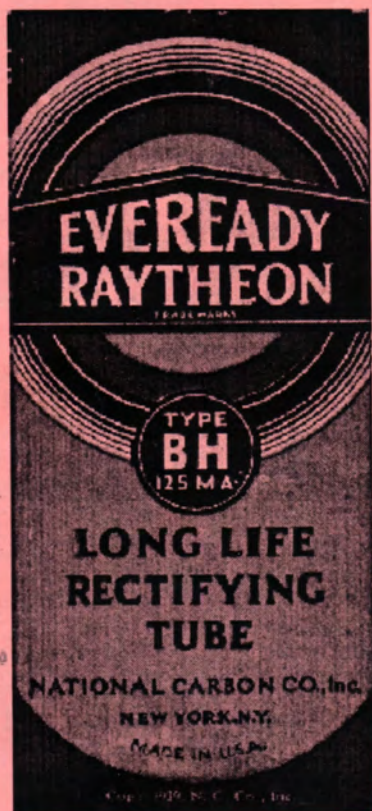
Call Letter

of the Northwest Vintage Radio Society

Vol. 23

November 1997

No. 11



In print since 1974

The Northwest Vintage Radio Society

The Northwest Vintage Radio Society is a non-Profit historical society incorporated in the State of Oregon. Since 1974 the Society has been dedicated to the preservation and enjoyment of "Vintage radio" and wireless equipment.

Membership in the Society is open to all who are actively interested in historic preservation. The dues are \$15.00 for domestic membership, due on January 1st of each year (prorated quarterly).

The *Call Letter* has been a monthly publication since 1974. It was originated with the founder, Bob Bilbie, and our first president, Harley Perkins. Through several editors and with the assistance of numerous members the *Call Letter* has continued to be a publication that both informs members of the society's business and that has supported the hobby of collecting, preserving, and restoring vintage radios.

Society meetings are held the second Saturday of each month (except July and August) at the Buena Vista Club House at 16th & Jackson Streets in Oregon City, Oregon. They convene at or about 10 AM for the purpose of displaying radios, conducting Society business, and exchanging information. Guests are welcome at all Society meetings and functions (except board meetings).

Other Society functions include guest speakers, auctions, radio shows, and radio sales which are advertised in the *Call Letter* and are held in and around Portland.

Society Officers:

President	Jerry Talbott	(503) 649-6717
Vice President	Tony Hauser	(503) 629-4836
Treasurer	Ed Charman	(503) 654-7387
Secretary	Dan Howard	(503) 761-7799
Board member at large	Greg Bonn	(503) 642-5097
<i>Call Letter</i> Editor	Rick Walton	(503) 284-5648

The Society's address is:
The Northwest Vintage Radio Society
Post Office Box 82379
Portland, Oregon 97282-0379

November 1997

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The *CALL LETTER*

Editor, Rick Walton, (503) 284-5648, rwalton@teleport.com

Call Letter Deadline
20th of the month
prior to publication.

The next meeting of the NWVRS will be November 8
at the Buena Vista Clubhouse in Oregon City.
Nominations for 1998 officers! Monthly feature: '50's
tube or transistor portables.

Visit the NWVRS website at:
<http://www.artdeco.com/nvrs>

The Call Letter is the official publication of the Northwest Vintage Radio Society. Circulation is limited to the membership and guests of the Society. The Society is not responsible for the material contributed for publication, nor the quality, timeliness, or accuracy of the items offered for sale in the SWAP SHOP. By common agreement of the board of directors, the buyer assumes all responsibility for the satisfaction of any transaction.

From the Editor

by Call Letter Editor, Rick Walton

A special word of thanks is due to Ron Hershey, who volunteered to handle the mailing of last month's Call Letter. Due to a mis-intrepretation of a phone message on my answering machine, Ron wound up not having mailing labels, and undertook the tedious and time-consuming task of hand-labeling each copy that was mailed. That is dedication above and beyond the call. Along with my gratitude goes my apology for the mix-up in obtaining the labels.

As you've probably noticed, the Swap Shop in this issue is little more than a heading. I hope it's because you all took your wants, your needs, and your sets for sale to the Swap Meet. If you have something you want listed in the Swap Shop, be sure to send it to the club P.O. box (Ed Charman is faithful in sending things to me), or if you have an internet connection, e-mail it to me at rwalton@teleport.com.

At the meeting last month, I was asked if we still listed acquisitions in the Call Letter. I haven't listed any since I've been editor, but I'll gladly include an Acquisitions column if you send me the information. Same routine as Swap Shop items!

In this issue: Mike Parker updates an article from a 1990 *Call Letter* that covers the Halowat radios of the 1920's that were made in Portland. Also included is an article by Dave Gonshor of Colorado Radio Collectors that Dave posted to the *rec.antiques.radio+phono* internet newsgroup. Dave graciously granted me permission to use it. Once again Dick Karman wanders the web in search of sites of interest. Pay special attention to the Officers Roles reprinted in this issue as we're nominating next year's officers at the upcoming meeting.

Meeting Minutes

Ken Seymour KA7OSM, sitting in for Dan Howard

October 11, 1997

The October meeting was called to order by Vice President Tony Hauser at 10:06 AM with 24 members in attendance. The September minutes were approved with one exception. Myron White clarified that he was not one of the members who was under consideration as the Clubs website manager. Ed Charman followed promptly by reviewing the Treasures report which was also approved by the members. The Club then welcomed two new members, Charlie and Wendy Kent.

Good and Welfare

Club members were wondering how Speed Feldschau was doing after his recent heart attack. Dick Dielschneider reported that he talked to Speed a few days after the attack and mentioned that his angiogram reported no heart damage. The Club wishes you well Speed and we look forward to hearing from you soon!

Old Business

Tony reported that both Jerry Talbott and Dan Howard were at the Antique Auto swap this weekend and were representing the Club there at our booth. Myron White gave an update on next months radio show and swap meet on November 1st at the Washington County Fairgrounds. He reports that we have about 54 tables, 34 of which are already rented. We expect a big turnout at this swap due to the fact that we are sharing it with a Ham Club too.

New Business

Tony reminded the members today that next months meeting is where we need to nominate officers for next year. So, everyone come prepared to make some nominations.

The meeting followed next with some discussion on what to do for the annual Christmas dinner. Last year, we had it at Sizzlers restaurant. One suggestion was to have a pot-luck dinner at the

Club house. It was felt that this type of get together offers more social time and builds good camaraderie among members. After the discussion, a motion was made by Tony to have a pot-luck. The motion passed unanimously. The dinner is now scheduled to occur at the Clubhouse on December 13th. Final details will be worked out later. Ed Charman mentioned that he will contact Oregon City and reserve a few extra hours for the event. A sign-up sheet for dishes will be passed out at next months meeting.

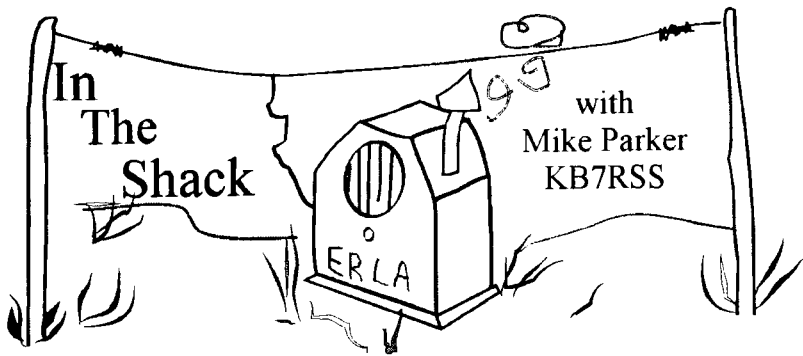
Rudy reported that radio station 1010 AM is playing some good classic old radio shows.

It was reported last month, that Lloyd Godsey is moving to Arizona. No one seems to have a follow up address and phone number. If anyone knows, please let one of the officers know.

Rick Walton mentioned that he needs more leads and needs for publishing in the Call Letter. Last month, we had a scant two entries.

Liles Garcia reports that he has a lead on some ham gear. Items mentioned weré a BC375 and National 300 receiver.

Finally, the club was treated to members presenting their portable radios. Next month, the theme will be "Battery and Crystal sets". These can be either home brew or commercial rigs. So, clean off the whiskers and bring'em in November. The meeting was adjourned at 10:54 AM.



In The Shack

More On Halowat

In a previous issue of the CALL LETTER, I mentioned that I was going to pursue further information on the Hallock & Watson Radio Corp., a local Portland radio manufacturer during the 1920's. The following is a reprint of an article published in the December, 1990 CALL LETTER, written by NWVRS member F.W. Sloat, W7AHK. From a historical perspective, we are very fortunate that Mr. Sloat is old enough to have discussed the activities of Hallock & Watson first hand with Joe Hallock. This article is reprinted with the permission of Mr. F.W. Sloat. I have inserted some updated information in [brackets].

The Hallock and Watson Story

By F.W. Sloat, W7AHK

Joseph Hallock and Cliff Watson were very well known radio engineers, not only in the Pacific Northwest, but in other parts of the world also. Both grew up in Portland where Joe startled the natives by playing on the Willamette River on his water shoes. Cliff, with a red moustache, was called, by his friends, the cat's whisker. His family owned the Watson Iron Works, in Portland.

Both started in wireless early, Joe with a Murdock crystal set. He attended Oregon Agricultural College, now OSU, then went to work for Northwestern Electric Company. Both he and Cliff built and operated a spark station at the Condit generating plant near Underwood, Washington; [this plant is still in operation by Pacific

Power & Light Co.] starting in 1916 with a stationary gap and later a rotary. It was used for load dispatching, with the other terminal being at the company offices in the Pittock block in Portland. The station's call letters were KGO (does this sound familiar?). The company claimed this was the first time a utility had used wireless for this purpose anywhere in the nation.

Here they separated, Cliff going into the Navy where he became a Commander in charge of ground construction at Mare Island, California. Joe went to France as an engineer at the powerful Navy arc station in Bordeaux. He was not through traveling yet, going to China where he supervised the installation of two arcs for the South China Republic.

Cliff left the Navy and Joe quit Federal Telegraph, to get back together again in Portland where they formed the Hallock and Watson Radio Service, 192 Park St., [now S.W. Park, near Taylor St.] Joe gave the writer a run-down on their operation: "We ordered an Esco motor-generator, applied for a broadcast license, built a 5 watt transmitter and put up a flat top antenna above the building. The license, KGG was issued March 11, 1922, and was the first to be issued in Portland. It beat the Oregonian's KGW by just 6 days." (the writer has confirmed this by checking the official files in Washington DC). There were several stations in Portland at this time using "X" licenses. These were issued for a short term. "King George George" was soon on the air. "We constructed a studio in the Journal Building and ran two wires over the roofs and across Broadway to the little transmitter in our store's window. From here we broadcast Madame Schuman Heinck, Ray Berganson's Orchestra, The Journal Juniors and many others. With a 50 watt linear amplifier we were heard in every state, Hawaii and Midway."

KGG ceased operation in November, 1924. Joe explained, "We were too busy". The manufacturing plant, Halowat Radio Corporation, was located at 406 East Alder Street in Portland. The company built transmitters and other electronic equipment including the somewhat famous Halowat radio. Kay O'Leary, a very fine mechanic, was in charge of the shops. The Halowat was of very neat workmanship and a good performer. It is much sought after by collectors. We have no account of the number produced but they were sold over a wide area. After Halowat quit business,

[believed to be in the late 1920's], Joe became the inspector in charge of the Portland office of the Federal Communications Commission. Both Cliff and Joe are Silent Keys and I am sure they are together in that big station in The Sky.

I would like to thank Mr. Sloat for permission to reprint this very fine and accurate account of Hallock and Watson's endeavors. There is just no substitute for having "been there"!

Since we are having a display of Battery and Crystal sets at the November NWVRS meeting, I am planning on displaying my two Halowat 3-dial sets. Both are model TR-5's, one is a 1925 model, serial number 41 and the other is a 1926 model, serial number 456. I would like to urge other members to bring their Halowat radios for display. This would be a chance for all to see the products of Hallock and Watson's fine workmanship, built here in Portland in the beginning decade of broadcast radio production. Or, you could bring a Northwestern or Norco set....Halowat's competition!....but more about that in another article.

QSO you next time.....IN THE SHACK

Officer's Roles

The President

The President shall preside at all regular and special meetings of the membership and the Board of Directors. The President shall set the time and the place of Board of Directors' Meetings. The President has the power to appoint members of committees as appropriate to enhance the activities of the society.

The Vice President

The Vice President shall be responsible for planning and arranging technical and entertaining activities associated with the society's meetings. He serves as chairman of the program committee if such a committee is appointed. He acts as presiding officer at meetings if the President is unavailable.

The Secretary

The Secretary shall be responsible for recording the minutes of every business meeting and for receiving and preparing all of the society's correspondence.

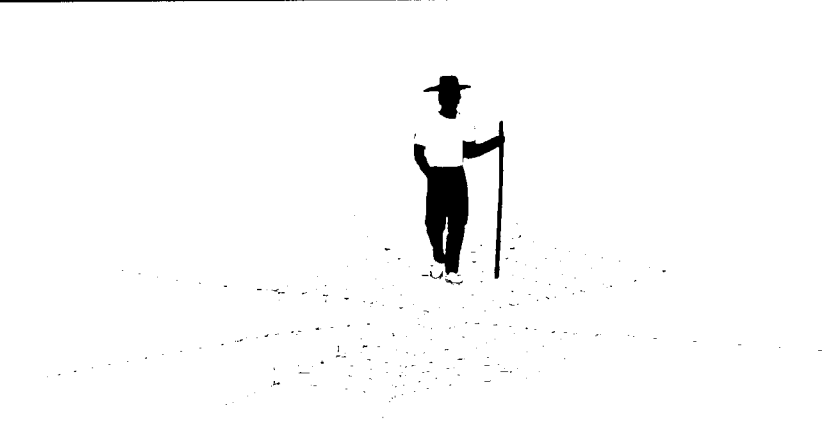
The Treasurer

The Treasurer shall be accountable for all funds received and disbursed by the society and shall report all monetary transactions and treasury balance at each regular meeting of the society. The Treasurer shall prepare a list of members in good standing for distribution at the next regular meeting following the annual meeting of the society.

The Board of Directors

The Board of Directors shall consist of the current elected officers of the society plus the immediate past president of the society. The Board of Directors shall direct the care and expenditure of the funds of the society. The Board shall determine a suitable time and place for regular society business meetings.

Wandering On The Web



By Dick Karman

As I was looking for material to use in my class on old radio, I found the home age of John Schneider, who edited the horn of plenty of the Puget Sound Antique radio Association for several years. His history is primarily of the Bay Area of California, but the material is great and copious. Visit <http://www.aa.net/~rfs/>

From Johns list of links I found a well-documented site dealing with United States Early Radio History maintained by Thomas H. White: <http://www.ipass.net/~whitetho/index.html>

Mr. White has a number of articles on United States government policy and radio history emphasizing the early AM broadcast band (medium wave), and some in-depth reviews. In his article "Mystique of the Three-Letter Call Signs" he talks about the three-letter variety--holding a special fascination for many people, so he's compiled a detailed review about early call letter practices.

[The internet has only one address for one location. If the address you would like to have is already taken, you must file a new one. Certain names are sought after but only one person gets he prize.]

I found the person who owns www.olderadio.com. It's Barry Mishkind - The Eclectic Engineer. His site is relatively new, but

with that name it's sure to grow. If you'd like to help him build it you can contribute articles about NW history and he'll give you the credit. If you don't have eMail, send it to Barry Mishkind, 2033 S. Augusta Place, Tucson, Arizona 85710, (520)-296-3797.

The next site is very impressive:

<http://www.northernnet.com/bchris/> It has hundreds of pages of well documented material. It starts out . . . "From its early theory, to a hobby for the 'techies' of the early 1900's - radio became our first mass medium - able to disseminate information instantly from one to many. It has been a technology that has influenced our growth as a nation, and planet. Radio changed the world! The Internet - with all of its capabilities - is still in the defining years of its life - similar to the twenties of radio's growth. Its ultimate possibilities will only be realized when, like radio, individuals of vision drive the process."

Last, but not least is Jeff Miller's Broadcasting History Collection: <http://members.aol.com/jeff560> . Jeff's chronological listing are extensive beginning with, "Oct. 00, 1899. Marconi's first trip to the U. S., to broadcast results of the America's Cup race." Jeff has organized the data from Broadcasting year books and done a nice job of listing them.

Here's a sample of his listings

U. S. TV Stations as of 1950

The following was taken from the 1950 Broadcasting Yearbook. Stations are listed first by state, then by channel.
<http://members.aol.com/jeff560> .

Ch.	Call Sign	City	Yr Of Birth.
4	WBRC-TV	Birmingham AL	1949
13	WAFM-TV	Birmingham AL	1949
5	KPHO-TV	Phoenix AZ	1949
2	KTSL	Hollywood CA	1931
5	KTLA-TV	Hollywood CA	1942
4	KNBH	Los Angeles CA	1949
7	KECA-TV	Los Angeles CA	1949

9	KFI-TV	Los Angeles CA	1948
11	KTTV	Los Angeles CA	1949
13	KLAC-TV	Los Angeles CA	1948
8	KFMB-TV	San Diego CA	1949
4	KRON-TV	San Francisco CA	1949
5	KPIX	San Francisco CA	1948
7	KGO-TV	San Francisco CA	1949
6	WNHC-TV	New Haven CT	1948
4	WNBW	Washington DC	1947
5	WTTG	Washington DC	1945
7	WMAL-TV	Washington DC	1947
9	WOIC	Washington DC	1949
7	WDEL-TV	Wilmington DE	1949
2	WJAX-TV	Jacksonville FL	CP
4	WMBR-TV	Jacksonville FL	1949
4	WTVJ	Miami FL	1949
2	WCON-TV	Atlanta GA	CP
5	WAGA-TV	Atlanta GA	1949
8	WSB-TV	Atlanta GA	1948
4	WOI-TV	Ames IA	CP
5	WOC-TV	Davenport IA	1949
4	WBKB	Chicago IL	1941
5	WNBQ	Chicago IL	1949
7	WENR-TV	Chicago IL	1948
9	WGN-TV	Chicago IL	1948
4	WHBF-TV	Rock Island IL	CP

0	WTTV	Bloomington IN	1949
6	WFBM-TV	Indianapolis IN	1949
5	WAVE-TV	Louisville KY	1948
9	WHAS-TV	Louisville KY	CP
4	WRTV	New Orleans LA	CP
6	WDSU-TV	New Orleans LA	1948
4	WBZ-TV	Boston MA	1948
7	WNAC-TV	Boston MA	1948
2	WMAR-TV	Baltimore MD	1947
11	WBAL-TV	Baltimore MD	1948
13	WAAM	Baltimore MD	1948
2	WJBK-TV	Detroit MI	1949
4	WWJ-TV	Detroit MI	1947
7	WXYZ-TV	Detroit MI	1948
7	WLAV-TV	Grand Rapids MI	1949
3	WKZO-TV	Kalamazoo MI	CP
6	WJIM-TV	Lansing MI	CP
4	WTCN-TV	Minneapolis MN	1949
5	KSTP-TV	St. Paul MN	1948
4	WDAF-TV	Kansas City MO	1949
5	KSD-TV	St. Louis MO	1947
3	WBTV	Charlotte NC	1949
2	WFMY-TV	Greensboro NC	1949
3	KMTV	Omaha NE	1949
6	WOW-TV	Omaha NE	1949
13	WATV	Newark NJ	1948

4	KOB-TV	Albuquerque NM	1948
12	WNBF-TV	Binghamton NY	1949
4	WBEN-TV	Buffalo NY	1948
2	WCBS-TV	New York NY	1941
4	WNBT	New York NY	1939
5	WABD	New York NY	1947
7	WJZ-TV	New York NY	1948
9	WOR-TV	New York NY	1949
11	WPIX	New York NY	1948
6	WHAM-TV	Rochester NY	1949
4	WRGB	Schenectady NY	1939
5	WSYR-TV	Syracuse NY	CP
8	WHEN	Syracuse NY	1948
13	WKTV	Utica NY	CP
4	WLWT	Cincinnati OH	1948
7	WCPO-TV	Cincinnati OH	1949
11	WKRC-TV	Cincinnati OH	1949
4	WNBK	Cleveland OH	1948
5	WEWS	Cleveland OH	1947
3	WLWC	Columbus OH	1949
6	WTVN	Columbus OH	1949
10	WBNS-TV	Columbus OH	1949
5	WLWD	Dayton OH	1949
13	WHIO-TV	Dayton OH	1949
9	WXEL	Parma OH	CP
13	WSPD-TV	Toledo OH	1948

4	WKY-TV	Oklahoma City OK	1949
6	KOTV	Tulsa OK	1949
12	WICU	Erie PA	1949
13	WJAC-TV	Johnstown PA	1949
4	WGAL-TV	Lancaster PA	1949
3	WPTZ	Philadelphia PA	1941
6	WFIL-TV	Philadelphia PA	1947
10	WCAU-TV	Philadelphia PA	1948
3	WDTV	Pittsburgh PA	1949
11	WJAR-TV	Providence RI	1949
4	WMCT	Memphis TN	1948
4	WSM-TV	Nashville TN	CP
4	KRLD-TV	Dallas TX	1949
8	KBTV	Dallas TX	1949
5	WBAP-TV	Fort Worth TX	1948
2	KLEE-TV	Houston TX	1949
4	WOAI-TV	San Antonio TX	1949
5	KEYL	San Antonio TX	CP
4	KDYL-TV	Salt Lake City UT	1948
5	KSL-TV	Salt Lake City UT	1949
4	WTAR-TV	Norfolk VA	CP
6	WTVR	Richmond VA	1948
5	KING-TV	Seattle WA	1948
3	WTMJ-TV	Milwaukee WI	1947
5	WSAZ-TV	Huntington WV	1949

See you next month, and happy wandering.

Those Nasty Philcos!

by David Gonshor david.v.gonshor@ast.lmco.com

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Late 1930's Philco radios have tube shield bases with an inner hole to allow the tube base to engage the socket, and an outer lip to engage with the tube shield. The inner hole was sized to accept only G type tubes. GT and metal tubes will not fit in the hole because the tube base is larger than G type tubes. Apparently Philco wanted to standardize glass tubes over metal tubes. However, when smaller glass GT tubes came out, they wouldn't fit into the sockets either.

The trouble is, tube manufacturers stopped making G tubes, such as the 6K7G and 6A8G, in favor of GT tubes. So, replacement tubes would not fit in late 30's Philco radios. These G tubes continue to be scarce and more expensive today. Many of these Philcos have the tube shield receptacles "hogged out" in order to accept the larger base of the GT or metal tubes. This is usually OK when using a GT tube, as long as the tube shield is still used. It also may work (but not always - see below) for a metal tube. The reason why a shield must still be used for a metal tube is that the metal shell of the tube is connected to pin 1, which was intended to be connected to ground on the tube socket. The trouble with those "nasty" Philcos is that pin 1 of the tube socket had no receptacle to engage with the pin, and there was no way to ground the shell of the tube. Hence, the outer tube shield still had to be used.

Another attempted remedy for this Philco problem, which the author recently encountered in a model 38-7, is that the entire tube shield base had been removed, presumably to allow a metal tube to be used. This didn't work, however, because there was no way to ground the shell of the metal tube. In particular, a 6K7 (metal) IF amplifier stage did not work at all. The author used an oscilloscope to find a high level oscillation at the plate of the 6K7. When a jumper cable was used to ground pin 1 of the tube, the stage worked! However, placing a grounded metal shield over the metal tube did not work. My guess is that the interelectrode capacitances

of an ungrounded metal tube are so much greater than a glass tube that regenerative feedback was occurring within the tube, and grounding the tube shell is the only way to stop it? As it turns out, a glass tube (6K7G) inserted in the IF tube socket worked just fine, even without a shield!

Another problem is that the grid leads are usually too short to engage the shorter metal or GT tubes. These grid leads can usually be lengthened without too much trouble.

The moral of the story is: If your Philco has been modified to use GT or metal tubes, look out for problems! Also, save those G tubes for your Philcos.

1997 NWVRS Calendar of Events

NOVEMBER 8: Nomination of 1998 officers
Display of battery sets and crystal sets

DECEMBER 13: Election of 1998 officers and Christmas party

Swap Shop

FOR SALE: Thousands of tubes, hundreds of radio parts, panels, meters, surplus, etc. R5-D3 electronic surplus, Bob Lee, 6111 SE 82nd Ave., Portland, OR, (503) 774-6560.

RESTORATION/REPAIR SERVICES OFFERED

Quality repairs and restoration services now offered on vintage Radio, TV, Hi-Fi, & other pre-60's electronic equipment. Some small parts fabrication and location services of vintage items also offered.
Phone: Sonny Clutter, (360) 834-5741