

The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

Spring 1997

Volume 3 Issue 4



MEETING/ ACTIVITY NOTES

Reported by Marsha Simkin
and Marv Beeferman

A large, enthusiastic crowd braved the rather nasty weather to attend the March meeting of the New Jersey Antique Radio Club. We were joined by several new members whose collecting interests include Zenith transoceanic radios, communications receivers and old electronics.

Our upcoming picnic was discussed. The date has been set for Saturday, June 14th at the Clinton Elks facility in Clinton, NJ. The site is a pastoral setting located about three miles off Rt 78. There is shelter in case of inclement weather. The membership decided to have tailgating and an auction in conjunction with the picnic. The cost will be \$15 per member (\$25 for non-members) with \$10 extra for family. Clinton was described as a "cute" town with many shops and attractions if your spouse is not interested in the radio hobby. A conflict with the MAARC meet in Maryland was brought up and discussed briefly.

John Dilks spoke about problems with our web page. It will not be at its regular location for about a month but we now have our own domain name. People are still having difficulties accessing our page but this was expected to clear up in a few days. Our new address is www.eht.com/oldradio. The page includes information about the April 26th auction in Downingtown PA for which the Smith Auction Co is giving the club \$100. Lud Sibley whetted our appetites with hints of what might be available at the auction and then passed out copies of the auction list as it stands now; for those members who are unable to attend our meetings, a sampling of material is included in this month's *Broadcaster*.



MEETING NOTICE

The next meeting of NJARC will take place on Friday, April 11, 1997 at 7:30 PM at the Grace Lutheran Church, corner of Route 33 and Main Street in Freehold. Contact Marv Beeferman at (609)-693-9430 or Jim Whartenby at (908)-271-7701 for directions. This month's historical/technical session will feature a "Battery Set Restoration Techniques" presentation by Mark Mittlemen. For those members who received a "Final Notice" in this month's *Broadcaster* mailing, this will be the last meeting so please remember your 1996/1997 dues renewal payment if you plan to attend.

Marv Beeferman reported on our recent successful meet at Hightstown. Our web page brought in many last minute vendors and the event was a sellout with the overflow setting up outside. The consensus of the vendors was that they really appreciated the ability to set up before the doors opened. This way they weren't mobbed and could provide the best display for their wares.

Tom Provost suggested that a trip to a private collection of Edison artifacts in Upper Mayfield, PA that he recently toured is worth the ride; contact Tom for details.

Lud Sibley announced that an 8 page supplement to his book, "Tube Lore" is available. See the want-ad section of this month's *Broadcaster* to obtain a copy.

Ray Chase informed us that an article in the February 1997 issue of the Smithsonian magazine was devoted to the amazing radio collection of Dr. Ralph Chow, of Elfin, Illinois. The article was very well done and included beautiful photographs of some of the highlights of the collection. Ray actually acquired two of the radios featured in the article for Dr. Muchow. Many members have visited the Muchow Museum housed in over 20 rooms of a building that also includes his dental offices and commented on the wonders of the collection and the hospitality of Dr.

Muchow and his family. The museum is usually open during the meet in Elgin hosted by the Illinois club.

A good suggestion from Bill Overbeck - many chain stores are closing and glass showcases and other fixtures for housing a collection can be acquired for a reasonable price. Check around; there could be something available in your area.

The highlight of the evening was our quarterly Show-and-Tell event. John Dilks, Lud Sibley, Dave Sica, Bill Overbeck, Tom Fallon, Don Baldwin, Marty Friedman, Ray Chase, Jim Whartenby and Marsha Simkin were among the contributors exhibiting some of the following:

- ☐ An RS6 spy transceiver, 3-7 MHz
- ☐ A 1923 homebrew receiver with RCA WD11 sockets, two audio stages and a crystal detector
- ☐ Some early DeForest 601 TV receiver tubes
- ☐ A "liquid tube" which modulates light from General Physical Labs, probably used for facsimile scanning
- ☐ A box of four brand new WD-11's in mint condition recovered from an attic. Why four? Our resident tube expert, Lud Sibley, speculates that it was probably sold as a kit for a Radiola 3A. used four WD-11s.

(Continued on page 2)

THE JERSEY BROADCASTER,

published a minimum of ten times each year, is the newsletter of the New Jersey Antique Radio Club (NJARC) which is dedicated to preserving the history and enhancing the knowledge of radio and related disciplines with special emphasis on contributions made by the state of New Jersey. Dues are \$15 per year and meetings are held the second Friday of each month at the Grace Lutheran Church, corner of Route 33 and Main Street in Freehold N.J.

Submissions are welcome in typewritten or diskette (5-1/4" or 3-1/2") form with formats in ASCII, WordPerfect, Word, etc. Photos in high contrast black and white are appreciated but color photos are acceptable. The Editor or NJARC is not liable for any buying and selling transactions or for any other use of the contents of this publication.

OFFICERS, BOARD OF DIRECTORS AND PROGRAM COORDINATORS**PRESIDENT:**

James Whartenby
120 W. Franklin St.
Bound Brook, N.J. 08805
(908)-271-7701

VICE PRESIDENT/TUBE PROGRAM:

Ludwell Sibley
44 E. Main St.
Flemington, N.J. 08822
(908)-782-4894

SECRETARY/EDITOR:

Marv Beeferman
2265 Emerald Park Drive
Forked River, N.J. 08731
(609)-693-9430

TREASURER:

Gerald Dowgin, KB2E2E
1481 Newark Ave.
Whiting, N.J. 08759
(908)-350-6259

SARGEANT-AT-ARMS:

Donald Cruise
10 Bernard St.
Eatontown, N.J. 07724
(908)-542-2848

TRUSTEES:

Mark Mittlemen (908)-431-1324
Phil Vourtsis (908)-446-2427
Tony Flanagan (908)-462-6638

TECHNICAL COORDINATOR:

Tom Provost
19 Ivanhoe Dr.
Robbinsville, N.J. 08691
(609)-259-7634

SCHEMATIC PROGRAM:

Aaron Hunter
23 Lenape Trail
Southampton, N.J. 08088
(609)-267-3065

CAPACITOR PROGRAM:

Jim Amici
522 N. Sixth St.
Allentown, PA 18102-2928
(215)-434-0117

WEB COORDINATOR

John Dिल्s, K2TQN
(609)-927-3873
<http://www.eht.com/oldradio>

(Meeting/Activity Notes...continued)

- A Crosley Model 25AW restoration that had been purchased several years ago for \$5 at a church bazaar
- A 1925 Operadio from Chicago found at a thrift shop by Don Baldwin's daughter
- An Edison battery oil bottle (oil prevented the electrolyte from evaporating)
- A radio punch board collection...a form of a game of chance, where you could win a radio among other prizes
- Found at auction in Asbury Park - a Northern Electric 48 using WE 215's (Canadian version of Western Electric 4B) radio that included 10 spare tubes and a box of extra grid leaks... Yes, they're still out there folks!

Overall, it was an evening filled with interesting information, good fun and fellowship. Try to join us next month.

THE PRESIDENT'S COLUMN**TOURING NEW JERSEY**

Our state has always been a front runner in technology. In years gone by, the Edisons, DeForests and Armstrongs, to name but a few, have had a strong commercial presence in the state. This is by no means a lament of the past since there are many new companies just starting to make a name for themselves and for New Jersey.

In my travels to and fro, I have noticed the remnants of the earlier technologies. Take for example my hometown of Bound Brook; at the northern terminus of Route 18 is Union Carbide. Behind the new sections of office buildings there are buildings that were erected by the original tenant, the Bakelite Corporation and an old smoke stack still proudly proclaims this fact. A few miles away, off of Easton Avenue just outside of New Brunswick, there is a small side street named Radio Court which pays tribute to the Marconi radio transmitter site at that

location. In fact, most of the older homes in this area were built for those who operated and maintained this vital communications link with Europe. Further south, in I believe Mercer County, ATT Long Lines had a great HF antenna farm full of rhombics; very large, very high gain and very directional antennas. I remember seeing them as a kid when the family went out for a Sunday drive. Does anyone take the time for a Sunday drive anymore?

There is Fort Monmouth, Bell Labs (in several locations,) several RCA research and manufacturing locations and I am sure, several hundred more that I am unaware of; both large and small. (A possible source of information is Radio Manufacturers of the Twenties by Allen Douglas.) The point is that the state has been host to them all and most are well within fifty miles of where we hold our meetings. Wouldn't it make a great club project to photograph these sites and maybe visit those that are still involved in manufacturing? Maybe get some personal remembrances from those who worked there?

If enough material is gathered, it could be put on display on the NJARC home page. This could be a great project, and a lot of fun, so keep your eyes peeled for those special radio related sites.

See you at the next meeting...Jim

EXPANDED CAPACITOR PROGRAM

At the suggestion of Tom Provost, the club will be expanding its capacitor program to provide capacitors of a higher voltage rating and of a type more compact and versatile for members who want to conceal the replacement inside of original capacitor bodies. Some of the values that will be added include: 630 volt rating (.001, .0047, .01, .022, .033, .047, .1, .22 mfd); 160 volt electrolytics (22, 33, 47 mfd); and 450 volt electrolytics (10, 22, 47 mfd).

As to availability, contact our capacitor program coordinator, Jim Amici, at (215)-434-0117.

TUBE-TEST LABELS

By Ludwell Sibley

In the '20s and early '30s, the "culture" of owning a radio included the expectation of frequent tube replacements. This reflected reality (tubes of the day weren't all that long-lived) and the desire of the tubemongers to sell replacements. This was a major source of profit to the repair shop, so set owners were encouraged to pluck out their tubes every six months and bring them in for "free" testing.

In this environment, it was natural for tube sellers to have little gummed labels printed up giving their addresses, with space to record the results of testing. The labels give a modest insight into the repair business, what with their "number please?" or five-digit dial phone numbers. Some labels came from big-time firms while others represented part-time repairmen operating from their basements. (This was during the Depression, after all.)

The label tradition faded out in the '50s; tubes in TV sets were too numerous to support individual attention, and too small to label conveniently.

Today, of course, the labels turn up on tubes in radios and in bulk lots. In a radio, they might as well remain: they're part of the "life history" of the set. In bulk lots, they are undesirable, but are a sort of collectible in their own right. Soaked off in warm water with a bit of detergent added to aid wetting, they can be scraped away gently with a single-edged razor blade. They're rarely in good shape, but the stronger ones survive removal. The ones shown here don't reproduce well, being stained and browned with age, but the general "flavor" should come through.

FOR
RADIO SERVICE
 CALL
 CALDWELL **6-1129**
CALDWELL RADIO SHOP
 376 BLOOMFIELD AVENUE
 CALDWELL, N. J.

RAMSEY RADIO
 14 MAIN STREET RAMSEY, N. J.
 RAMSEY 444
 DATE SOLD _____ DATE TESTED _____
 POOR ☐ FAIR ☐ GOOD ☐
PHILCO TUBES
 IMPROVE THE PERFORMANCE OF ANY RADIO

Sherwood 2-1516
SPIVAK BROTHERS
 TOYS - RADIOS -
 SPORTING GOODS
 Date _____
 Expert Radio Repairing
 82 MAIN STREET PATERSON, N. J.

AMERICAN RADIO CO.
 5 North Broad Street
 TRENTON, N. J. Phone 2-9183
 Tested By _____ Date _____
 Acrometer Test _____

DOUBLE S.S.S.
RADIO SERVICE
 DATE _____
 SUFFERN, N. Y.

IRVING G. PITMAN 23
 ELECTRICAL ENGINEER
RELIABLE RADIO SERVICE J.P.
 345 Washington Street, Newark, N. J.
 Phone Mitchell 1888

ARROW
GUARANTEE
 This tube is guaranteed to give satisfactory service under normal operating conditions for 45 days from date of purchase—providing this label is dated and signed by the dealer when purchase is made.
 Date Chas in Hdwe Co
 Dealer October 16/31
 An erasion or defaced label will void this guarantee.

CABLE RADIO

Edited by Marv Beeferman

The following is edited from an article titled "High-Fidelity Wired Sound" published in the August 1936 issue of Radio Craft...Ed

By 1936, "wired sound," described as a form of mechanized entertainment free from static, fading and interference, had been successfully established in many large United States cities. Its organizers could never have imagined what shape the concept would eventually take when linked with what was considered its baby brother at the time...television! Even the foresight of Hugo Gernsback missed the mark:

No advertising sponsor is likely to spend anywhere from fifty to a hundred thousand dollars for an elaborate production of the type of a Ziegfeld Follies or other musical comedy, for the simple reason that such a production would only be good for one transmission and a new one would have to be put "in scene" next week.

Notable of the major concerns which supplied "high-fidelity music to rest restaurants, clubs, hotels, reception rooms, and ballrooms, uninterrupted by advertising for 24 hours a day was New York's Muzak Corp., a subsidiary of Wired Radio, Inc. The charge for this service ranged from \$35.00 per month and higher, depending on the size of the installation. Special arrangements were made with subscribers who desired individual programs for certain occasions. For this purpose, a "private" wire from a Manhattan studio directly to the subscriber, furnished any desired type of music. This type of service was appreciated by the large A&P grocery chain for example which had receivers installed in many of its New York stores. These receivers were connected via private wires to the central studio so that the music could be "infrequently alternated with cleverly worded advertising."

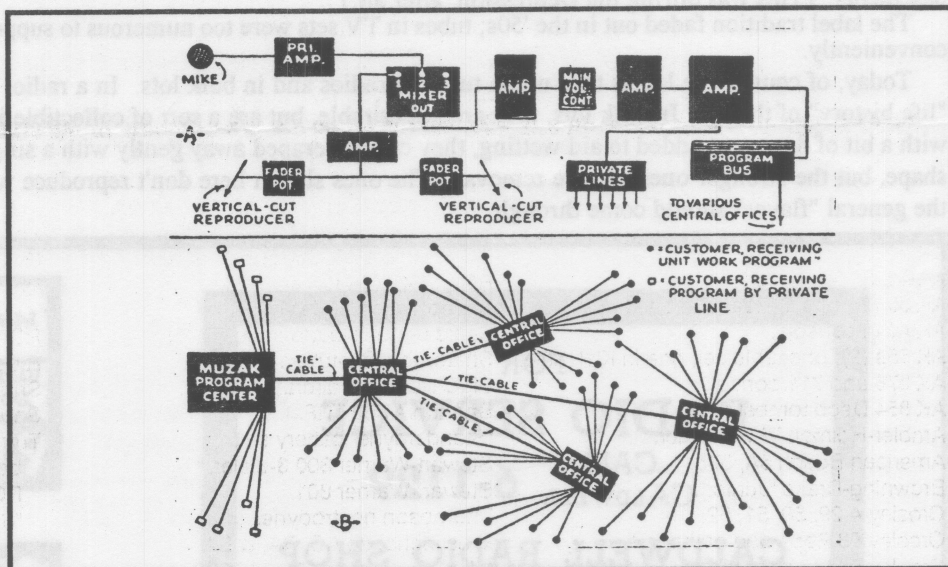
Among other subscribers was New York's famous Waldorf-Astoria Hotel. They used the service during the day when

there were no orchestras playing in their ballrooms and dining rooms and during the evenings as "fill-in" between breaks of the orchestras.

The service consisted mainly of "high-fidelity" recordings sent at audio frequency over specially-balanced telephone lines. The 33 1/3 r.p.m. recordings used the "vertical-cut" method and were reproduced by "vertical" pickups which increased frequency response and reduced

At the receiving end, simple installations consisted of a small amplifier and a single "high-fidelity" speaker. More elaborate (console type) installations used two or more large speakers plus several tweeters.

In rural areas, the program was superimposed on an rf carrier which was fed on to the district power lines. Receiving sets utilized a selector switch that separated the program from the carrier.



hiss (as compared to the "lateral-cut" programs sold to consumers). The phonographs were located in elaborate control rooms, the outputs being fed to equalizers and low-power amplifiers and then to 50-watt push-pull amplifiers. From each 50-watt amplifier, the music was sent to various telephone exchanges for distribution. Frequency response was essentially flat from 30 to 14,000 cycles with a claimed harmonic distortion of 0.5 per cent.

The telephone lines used for distribution were not those ordinarily used for telephone conversations. They were specially-balanced 200-ohm lines, flat to 8,000 cycles and dropping only slightly to 10,000 cycles.

Received volume was controlled by the subscriber. On long transmission lines, there was the usual tendency for the high frequencies to become somewhat attenuated. This condition was remedied at the receiving end by a specially designed equalizing network which attenuated the low frequencies in such proportions as to make the frequency response of the line essentially flat.

NEW CATALOG AVAILABLE

By Ludwell Sibley

Restorers of vintage amateur equipment and members of the "boatanchor" crowd will be interested in the spiffy new catalog from W7FG Vintage Manuals. In a new 8-1/2" by 11" size on glossy paper, it offers copies of tech manuals for about 2400 items of tube-era ham equipment and military communications gear, plus a zillion Heathkits and even some quasi-modern stuff. There is also a strategically selected group of books in the vintage-comm topic area. Their phone for inquiries is (918) 333-3754, the number for orders (hard to forget!) is (800) 807-6146, the home page is <http://www.w7fg.com>, and the e-mail address is w7fg@w7fg.com. Conventional mail can be addressed to 3300 Wayside Dr., Bartlesville, OK 74006. W7FG Vintage Manuals takes MC and Visa.

SERIOUS AUCTION

Contributed by Ludwell Sibley

The Smith Auction Company of Downingtown will hold an estate-liquidation sale on Saturday, April 26. The items to be sold are from the long-term collection of Bill Findley, W3FEA, plus some adders. Most of the goods (440+ items) are listed on the NJARC Web site at <http://www.eht.com/oldradio>. The catalog was distributed on-paper at the March meeting, and will be available at the April meeting plus those of DVHRC and MAARC. It is also orderable in advance for \$5 from Smith. Details are also available via an ad in *A. R. C.* for April, pp. 30-31.

Preview will be 11 AM to 10 PM on Friday the 25th, and 10 AM - noon on sale day. The sale starts at noon.

The auctioneer's conditions are 10% buyer's premium, cash or PA/"approved" check. The site is the Downingtown Marketplace on Business US 30, 45 min. from Philadelphia or Wilmington. From the PA Turnpike, use Exit 23, go south on Rte. 100 to US 30; go west on US 30 about 4 miles. The auction house is next to the Tabas Hotel, at the left rear of the Marketplace building. Auction info is available on (610) 269-1036. Absentee bids can be arranged.

NJARC has no connection with this sale, but the following is a sampling of material from the catalog.

TUBE RADIOS

AK 10B breadboard.
AK 20 Big-Box and Compact.
AK 30, 35, 42, 44, 52.
AK 36 (2), one in Red Lion desk.
AK 40 in console.
AK 55s (2); one table set, one in Kiel table.
AK 376 and 711 consoles.
AK 854 Deco tombstone.
Ambler-Holman TR5 3-dialer.
American Bosch 5A, 575.
Browning-Drake "Junior".
Crosley 4-29, 50, 51, 52.
Crosley 58 Repwood cathedral.
Crosley 517 tombstone.
Day-Fan 5106 & 5046 reflex sets.
DeForest D-12 (2).
Dewald C-800.
Distantone B three-dialer.
Du Mont RA346 clock radio.
Edison SRC3R1 console.
Emerson "Universal Compact".
Emerson 502 Catalin.
Emerson 540 "Emersonette" and 652.
Federal 110.
Franklin three-dialer.
Freed-Eisemann FE15 3-dialer.
Freshman Masterpiece (3).
GE 160 2-volt portable.
GE 636 farm set & M-40.
Grebe MU-1 Synchrophase.
Harmon-Kardon 330B receiver.
Kennedy XV battery set.
Knight-Kit Space Spanner.
Magnavox Model D battery set.
Majestic 50 TRF consolette.
Majestic 461 Deco.
Motorola 5J1U "Jewel Box".
Navy ATA transmitter.
Navy RBL-3 VLF-LF regen set.
NESCO CGR-5A Coast Guard receiver, metal-cased, like IP-500 or SE-1420.
No. 19 Mk II tank transceiver.
Philco 20, 60, 84, E-60 cathedrals.
Philco 38-7, 38-14, 38-15, 40-115, 42-321.
Philco 46-1201 radio-phono & 46-350.
Philips BX-326A.
Pittsburgh SP2 regen.
Rada Cron clock TRF set.

Radio Shop/Echophone "A" regen set.
RCA Radiola III-A, 16, 18, 25, 60.
RCA Radiola AR-812 superhet.
RCA 56X, RFA30.
Reception three-dialer.
Sears 6-tube Neutrodyne.
Shamrock one-tuber.
SigC BC-348N aircraft receiver.
Sparton AC62 TRF.
"Standardyne" battery set.
Stewart-Warner 300 3-dialer.
Stewart-Warner 801.
Thompson neutrodyne.
Westinghouse AC, RA, & DA.
Westinghouse H-125, H-126.
Westinghouse H-130.
Westinghouse WR15 grandfather-clock set.
Zenith H500 Trans-Oceanic.
Zenith H511.

BOOKS

Consolidated Call Book, 1920.
AK factory svc. manuals (4).
Philco 1937 factory catalog.
Philco factory service manuals, 1928-38 sets.
Rider's manuals equiv. to Vols. 1 & 2, plus reg. vols. 3-20.
Tube manuals: RCA RC-11, -15, -17; GE 6-binder set.
Radio's Master '52, '53, '54, '56.
Radio Supply Cat. 1922 (repro).

CONE SPEAKERS

AK E, E2 (3), F4A.
RCA 100A (4), 103A.

HORN SPEAKERS

AK H
Frost "Musette" mini-horn.
Jewett
Kellogg 70A
Kennedy
Magnavox R3 (2)
Magnavox Telemegaphone w/ control box.
RCA UZ-1325 (2).
Sonora Deluxe
Thompson.
Victrola VI adapted to speaker
WE 555W driver.

CRYSTAL SETS

Philmore "diode" kit
Kilbourne & Clark
Philmore "Little Wonder"

MICROPHONES

RCA BK-6 lavalier
Ribbon mic. in alum. sphere.
Shure 51.
Shure 55 Unidyne
Turner condenser, early-'30s w/ preamp box on nickel cast-brass base, looks like RCA 4AA, exc. finish (catalogued as "Shure")

OTHER ITEMS

Antique DC electric motor & water pump, 1890s-1900s
Gates broadcast remote board, ca. 1930.
Headphones: box lot, 21 pr.
Instructograph Morse senders.
Maggard-Bradley silent 35-mm projector.
Morris coil winder.
RCA UL-1000 osc. xfmr. (2)
Signal Corps pigeon cage PG-102/CB (pigeon not included).
Vibroplex "bug" key (2), one w/ carrying case.

TUBES

Scarce ones: 2A3s (3); 10s (2); 45s (13); 50s (3); EL37s (2); WE 205Ds (2); WE 215A, WE 217A (2), WE 231D (2), WE VT-2
24 box lots (a 1L6 included!).

TRANSISTOR RADIOS

GE P761A
RCA Victor T-1EN
Zenith Royal R705Y
Mellow-Tone NR23 "boy's".
Zenith Royal 3000.

TEST GEAR

Tube testers (5) (incl. one with a 60-position switch covering "every possible" tube)
Chanalyst
signal/audio generators (6)
VTVMs (a slug of 'em)

TELEVISION

Emerson 637 TV w/ Norelco Protelgram projection unit.
Motorola VT-71 7" TV set.

TECH-TALK LIBRARY TAPES AVAILABLE

By Marv Beeferman

Lights! Camera! Action! Absorbed by the interest created by our technical presentations, most members hardly notice the modest activity of our director-in-residence Phil Vourtsis who records every word and motion on video. Phil has tabulated a list of all "Tech-Talks" and miscellaneous tapes which he makes available to members at each meeting. If you care to borrow one, contact Phil at our monthly meeting; if a tape is already on loan, he can put you on a waiting list for next availability. If you can't attend our meetings, call Phil at (908)-446-2427 and he can make arrangements to mail a copy (postage to be paid by member).

NJARC Tech Talk Library

Recorded and maintained by Phil Vourtsis

Member Talks

<u>Title</u>	<u>Author</u>	<u>Date</u>	<u>Tape #</u>
Regenerative Receivers	Mark Mittleman	4/94	9401
Electronic Restoration	Al Klase	5/94	9402
Antennas and Grounding (Part 1)	Al Klase	1/95	9501
Telegraphy	Ludwell Sibley	2/95	9501
Antennas and Grounding (Part 2)	Al Klase	3/95	9502
Home Brew Crystal Sets	Tom Fallon	4/95	9502
High Fidelity	Larry Reuben	5/95	9503
Carbon Microphones	George Shields	7/95	9503
Custom Service Bench	John Dilks	8/95	9504
Restoring A.C. Sets	Gary Domico	9/95	9504
WW2 Technology	Ludwell Sibley	10/95	9504
Making a Dial Glass	Tony Flanagan	11/95	9601
Radio Post Cards	Ray Chase	1/96	9601
The Autodyne	Al Klase	2/96	9601
Restoring Your Dial	Tom Provost	4/96	9601
Solid State Replacement of Battery Tubes	Gary Domico	5/96	9602
Show and Tell	Club Members	6/96	9602
World Wide Web	John Dilks	7/96	9602
Lightning	Ludwell Sibley	8/96	9602
Show and Tell	Club Members	9/96	9603
Horn Speakers	Mark Mittleman	10/96	9603
Remagnetizing Headphones	Tom Provost	11/96	9603
Show and Tell	Club Members	12/96	9603
Flemington Telegraph Company	Ludwell Sibley	2/97	9701

Miscellaneous Tapes

<u>Title</u>	<u>Author</u>	<u>Tape #</u>
"Radio Collector" (5 Part Series)	PBS	0001
"Transistoradio"	Norm Smith	0002
"Secret Life of Radio/Television"	PBS	0003

**New Jersey Antique Radio Club and
Delaware Valley Historical Radio Club
Joint Picnic, Flea-market and Auction
Elks Lodge 2434
Clinton, New Jersey
14 June 97
Rain or Shine**

Take exit 15 of I-78 / US 22
South 1/2 mile on RT. 513.
Left on RT. 617 go 1.3 mile to Elks

All you can eat Picnic
Hot Dogs, Hamburgers, Salads, Sodas and *more*

Scheduled Events

Rest and Relaxation and Radios (the 3 R's) all day!

Continental breakfast 9:00 to 10:00 AM

Tail gating from 9:00 to 12:00 AM

Picnic from 11:30 AM to 1:00 PM

Auction from 1:00 PM to 5:00 PM

Equipment Contest with Prizes

50-50 raffle

Three Cake raffles

Absolute Cost

Individual club member:	\$15
Club member and immediate family:	\$25
Individual non-club member:	\$25
Non-club member and immediate family:	\$35

Fee in hand deadline: 1 June 97

No additional cost to tail gate. There will be a 10% sellers fee at the auction.

Contact

NJARC
Jim Whartenby
(908) 271-7701

Marv Beeferman
(609) 693-9430

DVHRC
Bill Overbeck
(610) 789-8199

Mike Koste
(215) 646-6488

CONNECTIONS

Free exposure for buyers and sellers! Unless requested otherwise, each ad will run for two months in both the *Jersey Broadcaster* and the *Delaware Valley Oscillator*. All buying and selling transactions are the responsibility of the parties involved.

FOR SALE

HARD COVER BOOKS:

1. "Reference Data for Radio Engineers," Fifth Edition, by Howard Sams & Co., \$50
2. "Radio Engineering," Third Edition, by Frederick Terman, \$40
3. "Electric Circuits and Tubes," First Edition, by Cruft Electronics Staff, \$40.
4. "Servicing by Signal Tracing," by John Ryder, \$30.
5. "Principles of Electron Tubes," First Edition, by Herbert Reich, \$30.
6. "Radio Engineers Handbook," First Edition, by Frederick Terman, \$20.
7. "RCA Engineer Technical Journals" (Volumes 10, 11, 12 & 13), \$100 (for all).

Prices do not include postage (item 7 sent UPS), Elwood F. Hunt, 308 Georgetown Road, Carneys Point, N.J. 08069, 609-299-5259. (4/97)

RCA Victor 10" television, model 9-T-246, nice original condition, complete, not working, \$75. Pilot TV-37U parts set, missing only grille, knobs, and CRT socket; an unaltered original chassis; \$100. Frank Johnson, 530 Elford Rd., Fairless Hills, PA 19030, 215-943-8295. (4/97)

Moving from area. Must dispose of radio collection, 1920s, 30's, and 40's. 11 sets; table and console; wood and plastic. Also, lots of tubes, and Beitman's "Most Often Needed Radio Diagrams - 1941." Prefer to sell as one lot. Call Ron Moyer at home (610-367-8386) or at work (215-256-7741). (4/97)

1920's Radio Components: (1) Simplex variometer #47482, NIB, \$100; (1) Bremer Tully variometer, NIB, \$90; (1) US Tool #CK105 variable capacitor, 11-plate, .00025 mfd, NIB, \$50; (1) 4" bakelite dial, 0-100, NIB, \$10; (1) Aldan-Napier #402, WD11 socket, NIB, \$10; #499, VT 199 socket, \$10; plus shipping. J.J. Papovich, 53 Magnolia Ave., Pitman NJ, 08071. (609)-582-8279 (2/97)

Free to Good Home: Two Silvertone combination radio-phonographs. One model 6449, circa late 30's and one catalog No. 7111, chassis 434.140, circa early 40's. Both with fair to good cabinets. Aaron Hunter, 23 Lenape Trail, Southhampton, NJ 08088, (609)-267-3065. (2/97)

Four RCA Electron Tube Handbooks (HB3): Receiving Tube Section - Part 1, Transmitting Tube Section, Photosensitive Device Section, General Information Section & Cathode Ray Tubes, Storage Tubes & Monoscopes. All in excellent condition; \$80 plus UPS. Lafayette Model HE-10 communication receiver with matching Lafayette Model HE-14 speaker. Bands: 550-1600 KC Broadcast/1.6-4.8 MC SW/4.8-14.5 MC SW/11-30 MC SW. Excellent condition; \$60 plus UPS. Elwood Hunt, 308 Georgetown Rd., Carneys Point, NJ 08069, (609)-299-5259. (2/97)

NOT FOR SALE, BUT WE CAN TALK... Supplement 2 to the book "Tube Lore" is now available. If you have the original two-page supplement, the new eight-pager is available as follows: (1) You can download it as an RTF file from the Web at <http://www.eht.com/old radio>, for local printing via a word processor, or (2) You can accost the author at a club meeting, or (3) You can send a 32-cent SASE to "More Lore," 44 E. Main St., Flemington, NJ 08822 - Ludwell Sibley (4/97)

WANTED

Thanks to you, I'm rounding third and heading home! Duffield's "Radio Boys Under the Sea" will finish the collection. Mike Koste, 57 Tennis Ave., Ambler, PA 19022, 215-646-6488. (4/97)

Radio made by Wurlitzer-Lyric. Any model considered but prefer high tube count. Must be complete and original; need not work. Ray Pietak, 2033 Woodland Rd., Abington, PA 19001, 215-885-2744. (4/97)

Photos and video of Channel 10 news coverage of Havertown swapmeet from Feb. 15. Bill Overbeck, 610-789-8199. (4/97)

Cabinet (or good cabinet/dead chassis) for Radiola 20. Tom Provost, 19 Ivanhoe Dr., Robbinsville, N.J., 08691. (609)-259-7634 1/97

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 Seinerberg, 714 Moredon Rd., Meadowbrook, PA 19046-1907, 215-886-6124. (4/97)

Information on SCR-838 radar set, the last known Signal Corps SCR-designator. Also, info on AN/GRR-4 clandestine receiver and AN/PRR-1 thru -10 receivers. Fred Chesson, 144 Fiske, St., Waterbury, CT 06710, 203-754-4764. (4/97)

Digital LED (electronic) wrist watches such as Pulsar, etc. Gold or chrome cases plus booklets and advertisements. Also, miniature and vintage portable tape/wire recorders and related accessories and printed matter such as manuals, books, magazines, photos and ads. Joseph A. Morinelli, 901 Fairfax Rd., Drexel Hill, PA 19026, 610-715-1720. (4/97)