

The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

Summer 1997

Volume 3 Issue 7



MEETING/ ACTIVITY NOTES

Reported by Marsha Simkin
and Marv Beeferman

The June meeting of the NJARC was held in Freehold on Friday the 13th. A large, enthusiastic crowd attended despite the conflict with the Mid-Atlantic Antique Radio Club's meet in Laurel and the bewitching time of the month.

Our Fall meet is set for Saturday, September 27th at the Freehold Armory. Timing seems favorable...three weeks after the AWA conference in Rochester and the only conflict at present being the E. Hartford Museum swapmeet in Connecticut. The indoor (rain or shine) drill floor is spacious, clean and well-ventilated and could easily support 75 vendors. Separate parking for vendors is available with very convenient access for unloading and loading through a truck bay. Bathrooms are clean and food will be provided by the armory in support of their renovation fund drive. And best of all is the rental fee - \$393 (\$258 for rental and \$135 for custodial fees). More to follow.

In order to attract new members, Marsha Simkin has volunteered to chair a membership committee which will promote the club and its activities through free advertising in the "calendar of events" sections of major and local newspapers. From time to time, a human interest story featuring our monthly meetings and members' interests may also be provided. New members are the lifeblood of any club, providing that transfusion of energy, talent and knowledge which perpetuates and maintains excitement in the hobby. Let's try to support Marsha by bringing in copies of those free weeklies from around the state so we can spread the word about our great club.



MEETING NOTICE

The next meeting of NJARC will take place on Friday, July 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. Tom Provost has titled our monthly technical session "A Restoration Potpourri"...short presentations of restoration tips from some of our members. The meeting will also feature accounts of the very successful NJARC/DVHRC joint picnic held in June, information on our upcoming meet on September 27th at the Freehold Armory and a book sale by John Dilks.

Marsha's request for input on historic sites in New Jersey that would be of interest to antique radio collectors brought responses from Jim Whartenby and Dave Sica. Jim discovered a Marconi Park and Radio Court off Easton Avenue as you travel out of New Brunswick. Marconi had a large facility in the area and it's nice to see that he has not been forgotten. Dave added the Menlo Park Edison site and a plaque at the Roselle train station commemorating the electrification of the area to our list; he will try to get some information regarding the possibility of a Tesla lab in Rahway.

A good response to our show-and-tell segment brought the following contributions:

- Jim Whartenby - A GE aircraft type receiver from the late 30's plus dynamotor found at a Farleigh Dickenson flea market...all for \$3!
- Marty Friedman - A 30's Silvertone farm radio obtained at auction for \$1. This set was driven by a 90V "B" and 1-1/2 V "A" battery and utilized a brass flag on the on-off switch to prevent inadvertently running down the batteries. Marty noted that the set utilized ferrite core slug tuners instead of standard variable capacitors which, as one member pointed out, prevented vibration from causing problems.
- Wendell Klinker - A 1914 vintage homebrew crystal set obtain about 20 years ago from a radio shack cleanout. The owner (W2ZK), born in 1902 and part of the Byrd expedition who later worked at Fort Monmouth, built the set when he was a young teen. Wendell told us that the galena crystal was hacked off a small golfball size chunk that the owner wouldn't part with.
- Larry Gindoff - Larry's skills were again exemplified in the mother of all keys - a giant (4X scale) adjustable and working key replica crafted from wood and brass. It was said to have been used many years ago by the Jolly Green Giant (HO! HO! HO!) to communicate with his brother who lived atop a distant beanstalk.
- Bob Allerton - A 1-tube (UV-199) crystal detector radio. As an electrician, Bob found a box of new parts in one of his customer's attics with a construction diagram based on a Tri-Coil Reflex transformer. Apparently the owner never got around to building the radio (sounds familiar?) so Bob finished the job for him.
- Jerry Simkin - A radio official badge from the 1939 World's Fair and an admittance badge.

(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.

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- Jon Butz Fiscina - A WE speaker with reproduction cone, a silver-plated (most are brass) Abbottsware horse radio (needs schematic), a GE K51 cabinet (looking for a chassis - notice that Jon has integrated his wish-list with our show-and-tell sessions) and an EKKO stamp album including a collection of radio verification letters and postcards.
- Tom Provost - A homebrew 1920's regenerative receiver with unique Pyrex tube sockets, a crystal receiver that used two (missing) honeycomb tuning coils and a pair of early Murdock headphones.
- Marv Beeferman - A 1905 vintage Sage Direct Reading Ohmmeter, an early Central Scientific Co. decade box, an early Keystone Electrical Instrument Co. D.C. Voltmeter and an early "Evershed's Direct Reading Resistance Box" made in England and distributed by the Biddle company of Philadelphia.

could be heard. The auction, vigorously conducted by Col. Mike Koste, included material from an estate plus club donations and bring-ins. Most of the estate material drew brisk attention with total sales a bit above \$1000. The donated gear yielded another \$400 for the clubs.

The event was organized principally by Ruth and Jim Whartenby of NJARC, with major DVHRC representation by Bill Overbeck. Ruth, a professional caterer, donated three custom-decorated cakes to be raffled off for the clubs' benefit. Auction prep-n'-schlep was by Jim Whartenby for the club-donation gear and by DVHRC *Oscillator* editor, NJARC tube historian and generally nice, all-around guy Ludwell Sibley.

MUSEUM DEACCESSION SALE PLANNED FOR ROCHESTER

By Ludwell Sibley

(As reported in the DVHRC
Oscillator)

PICNIC A SUCCESS!

By Ludwell Sibley

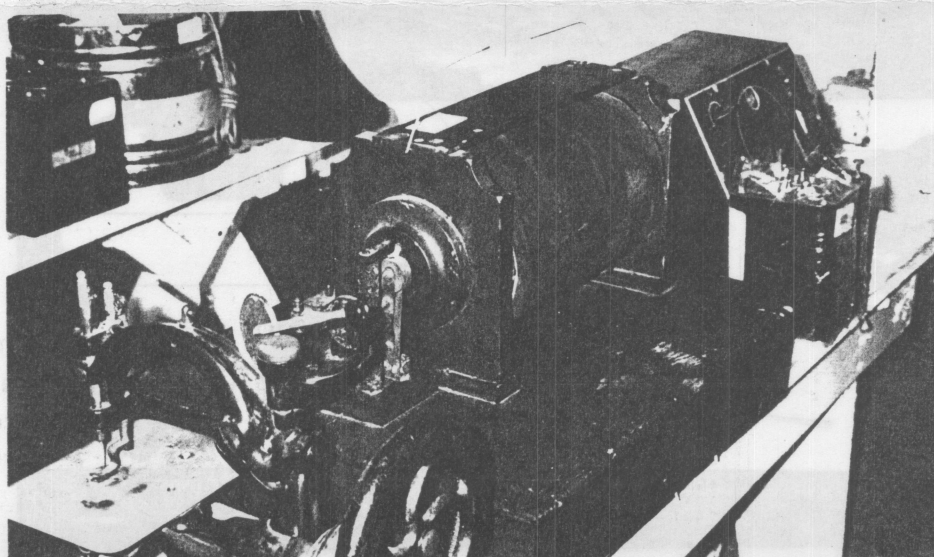
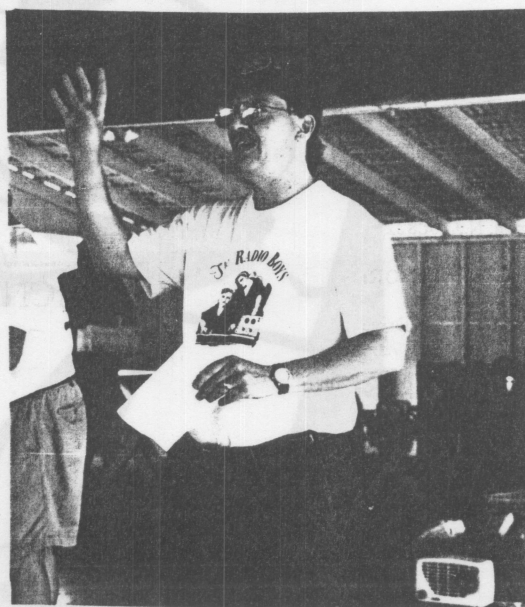
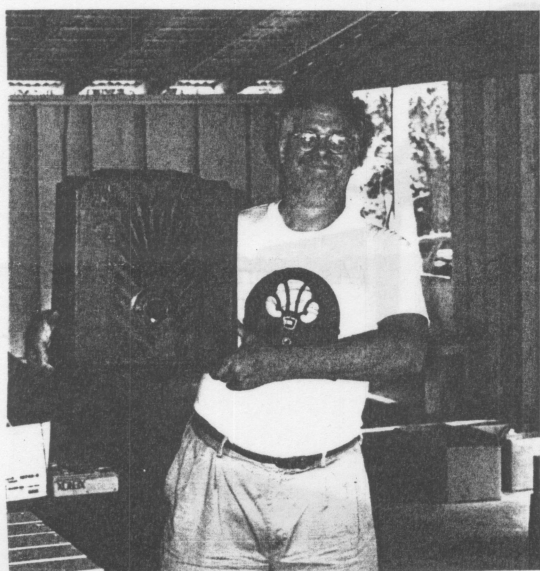
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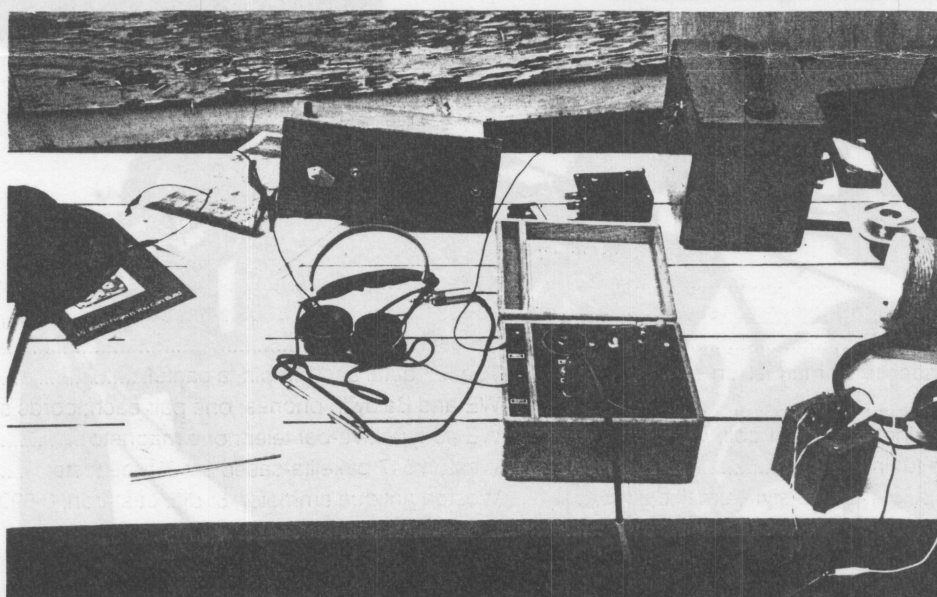
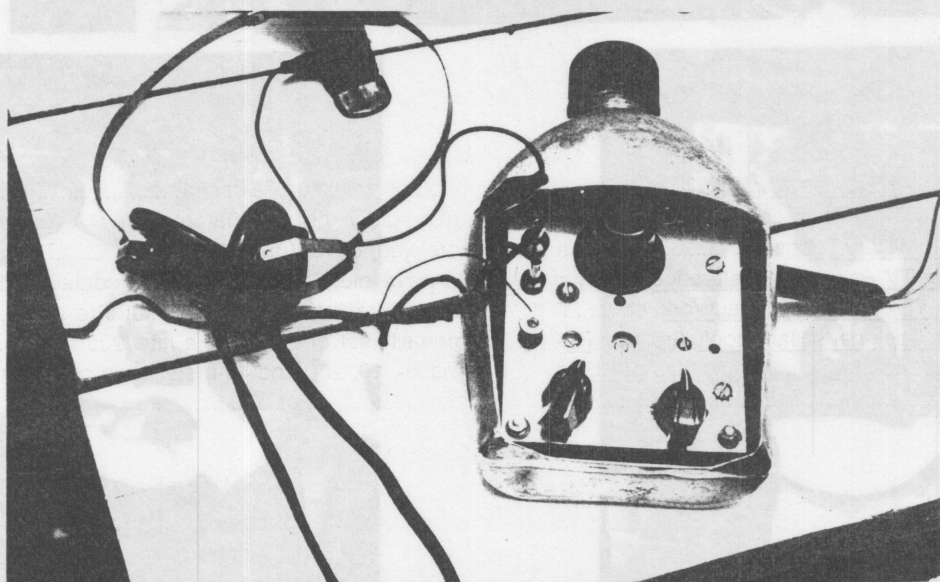
The DVHRC-NJARC picnic on June 14 was a real success - a combined breakfast-lunch-flea market-auction. The weather was excellent and the outdoor setting (the Elks Lodge at Clinton, NJ, represented Hunterdon County at its green best. The site is reminiscent of the pleasant park location used by the Niagara Frontier club for its annual midsummer meet. The lunch - burgers, hot dogs, corn on the cob, potato salad, etc. - was simple but tasty in the *al fresco* setting. About 60 club and family members attended, roughly equally from the two clubs, with about 20 tailgate vendors. The general mood was relaxed and jolly. As a charismatic touch, Alan Klase and Ben Tongue put up a wire antenna in the trees and proudly demonstrated their highest-performing crystal sets; even in this rural setting, half a dozen stations

FLASH! We have late word that a major technology museum (no, not Ford/Dearborn) plans to auction duplicate/surplus material from its collection via September's AWA auction at Rochester. For starters, it appears that there will be a Poulsen Telegraphone (pre-'20's wire recorder), possibly a Western Television scanning-disc TV set, probably a Lowenstein rotary spark gap, telegraph gear including "wireless" keys and a variety of spark-vintage transmitter parts. This is tentative at the moment, but we should have much fuller details next month.

BOOK SALE

After updating his own collection with a recent purchase, John Dilks will "deaccession" close to 200 radio texts at the July meeting by offering first choice to NJARC members.





ESTATE-AUCTION HIGHLIGHTS FROM CLUB PICNIC

Mike Koste, auctioneer; Jim Whartenby, Bill Overbeck, and Scoop, handlers; Pat Koste, cashier.

Abbott TR-4B transceiver, postwar, 2 meters.....	17	(home-made fence charger?).....	12
Acrosound TO-300 Ultra-Linear output transformer.....	13	General Radio 200C lab Variac.....	5
Avometer Model D, British Air Ministry version.....	2	Heathkit AA-1 intermodulation meter.....	6
Binding posts, a canful.....	11	Heathkit GD-1 grid dipper w/ coils; less the 100-250 MHz coil..	1
Book: Gernsback <u>Official Radio Service Manual</u> , 1930; missing index pages, OK otherwise, in orig. binder.....	21	Heathkit IT-28 capacitor checker.....	6
Book: <u>Radiotron Designer's Handbook</u> , 4th ed., cover lightly faded and cracked but good otherwise.....	35	Heathkit TC-2 tube checker.....	6
Books - ARRL: <u>Radio Amateur's Handbook</u> '59, '63, '68 (less covers), '80; plus smaller pubs.; fair cond.....	10	IRC resistor kit, prewar-style resistors for antique-restoration use.....	13
Books - tube texts: <u>Theory & Application of Electron Tubes</u> (Reich), 1939; <u>Vacuum Tubes</u> (Spangenberg), 1948; <u>Thermionic Tubes - Theory & Design</u> (Beck), 1953; <u>Mercury Arc Rectifiers</u> (Martin & Winograd), 1930; <u>Klystron Technical Manual</u> (Sperry Gyroscope Co.), 1944; <u>Physics of Electron Tubes</u> (Kollar), 1937; all good/VG cond.....	40	Isolation transformer, bench-style, 50-watt.....	15
Books, a boxlot including instruction manuals: <u>Hallicrafters S-20R</u> , <u>Williamson Amplifier</u> (<u>Wireless World</u> articles, original British reprint); <u>Dynaco FM-1</u> , <u>Ferris 18C Microvolter</u> ; Rider's indexes for Vols. 1-7 and 1-10 (less covers); <u>RCA Tubes</u> , <u>Westinghouse Industrial & Military Tubes</u> , etc.....	35	Knobs, a canful, mostly for test and comm gear.....	7
Books, a boxlot: <u>630-Type TV Receivers</u> ; <u>Reference Data for Radio Engineers</u> , 4th ed.; <u>The Oscilloscope at Work</u> , etc.....	7	Kodak folding-bellows camera, '20s style.....	5
Books, a boxlot: <u>Radiotron Designer's Handbook</u> , 3rd. ed.; <u>Radio Handbook</u> (Orr), 22nd. ed.; <u>FM Atlas</u> ; <u>Principles of Radio Eng.</u> , etc.....	32	Magnet wire, multiple spools including some cotton-covered.....	15
Books, a boxlot: <u>SSB Communication Handbook</u> ; <u>Electronic Instruments</u> (MIT Rad Lab, Vol. 21); <u>Electronic Design Handbook</u> , etc.....	40	Measurements 59 grid-dipper, head only, w/ coils.....	7
Books, a boxlot: <u>Tung-Sol Tubes</u> , <u>Microwave Engineer's Handbook</u> ; <u>Amateur SSB</u> (Collins Radio Co.); <u>Radio Engineering</u> (Terman), <u>Sams Tube Substitution Handbook</u> , etc.....	30	Mica wireless condensers, "wireless" vintage, a canful.....	7
Books: Philco factory service booklets, 1928-37 sets, good.....	24	Microphone: Shure 55S Unidyne w/ cord, nice looking.....	37
Books: <u>Proceedings of the IRE</u> , 24 issues 1930-36, fair.....	6	Microphone: Shure 55S Unidyne less cord, looks sharp.....	16
Books: <u>Radio's Master catalog</u> , 1968, and <u>Electronics Buyer's Guide</u> , 1969, both VG.....	11	Microphone: WE 633A head-only, nice.....	17
Books: RCA HB-3 tube manual, three binders (Vols. 1-6, i. e., complete), late-'40s, good cond.....	30	Millen 90651 grid dipper w/ coils.....	16
Books: RCA HB-3 tube manual, two binders, late-'40s, covers off one binder but OK otherwise.....	11	Light bulbs, miniature, a canful.....	6
Books: <u>RCA Victor Service Notes</u> for 1933-34-35, fair-good cond.....	50	"Morning-glory" horn, apparently WE 4A (good), and unident. (unrelated) driver (rusty).....	20
Books: <u>Reference Data for Radio Engineers</u> , 1st, 3rd, and 4th eds., good cond.....	12	Short-wave plug-in coils, a canful; contains 15 ceramic coils looking like Hammarlund Comet Pro types; plus a lovely green-silk set of five from a late-'20s receiver; and four National 5-, 10, 20-, and 40-meter coils of SRR style; plus misc. types.....	16
Books: Tung-Sol three-binder tube manual on receiving and CRT types, mid-'50s.....	44	Simpson 260 VOM.....	8
Box lot: AK breadboard tuning cap, Ford coil, General Radio lab cap, "wireless" vintage tuning cap.....	30	Slide rules (incl. round, regular, and a Navy circular radar-null calculator), and drafting tools; a boxlot.....	30
Capacitors, 0.5 uF 600 V, epoxy-molded style, small canful.....	6	Small parts, six large cans: coax fittings, Jones and AN connectors, GR plugs, phone jacks, crystals (incl. antique and amateur-band).....	11
Chicago BO-11 output transformer.....	12	Spark coil, impressive lab-style on wood base.....	150
Dials and butterfly UHF tuners, oldie; a canful.....	11	Tube sockets, a boxful incl. ceramic octals, xmtg., acorn, etc.....	9
Fisher 50-C mono preamp.....	4	Tube sockets, ten 4-pin xmtg., mostly Johnson.....	10
Ford spark coil w/ novel slow-speed metal-ball interrupter		Tubes, '20s flashback: S-bulb 01As (3), ST-bulb 71A, Daven MU-20, Marathon AC-608R; emission good on first five.....	28

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. *Essentials of Radio Electronics*, 2nd Edition, by Slurzberg and Osterheld, \$20
2. *Fundamentals of Radio*, by L.O. Gorder and Kenneth Hathaway, \$20
3. *Basic Electronics*, by Bernard Grob, \$20
4. *Fundamentals of Radio*, Editor W.L. Everitt, University of Illinois, \$20.
5. *Elements of Radio*, 4th Edition, by A. Marcus and Wm. Marcus (no price specified)

Prices do not include postage, Elwood F. Hunt, 308 Georgetown Road, Carneys Point, N.J. 08069-2512, 609-299-5259. (7/97)

Tektronix oscilloscopes 535 and 547 with extra plug-in units and Scopemobile. Tektronic 575 transistor curve tracer. General Radio 805B RF generator, 1021P2 UHF generator. GE TV alignment sweep and marker generator set. Manuals for all. Other test gear and surplus equipment coming up for sale - stay tuned. Mark W. Hilliard, N3NBL, 921 S. Edward St., Allentown, PA 18103, 610-432-8089. (7/97)

The ever-handy reference *Tube Lore* gives 186 pages of insightful scoop on about every North American tube there is. Reviewed by Eric Barbour in *Vacuum Tube Valley* as "an instant classic." The book is available from the following hip sources: (A) the DVHRC book program (B) DVHRC's A. G. Tannenbaum, 215-540-8055 (C) W7FG Vintage Manuals, 800-807-6146 (D) Antique Radio Classified, 508-371-0512 (E) Antique Electronic Supply, 602-820-5411 (F) Fair Radio Sales, 419-223-2156 (G) Angela Instruments, 301-725-8823 (H) Antique Radio Components, 916-878-1780 (I) Paul Washa, 612-472-3010, and (J) the Museum of Radio & Technology Bookstore (charleston, WV). Or...its available from Ludwell Sibley, 44 E. Main St., Flemington, NJ 08822 for \$19.95 posy-paid in the U. S. and Canada, \$24.95 by air overseas. Clubs get a discount on multiple copies. (7/97)

WANTED

YOUR

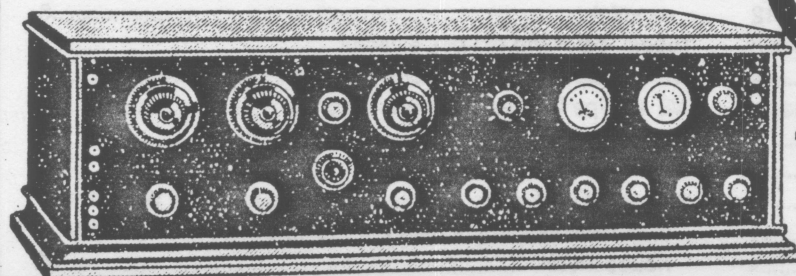
AD

HERE!

SUPERHETERODYNE

*Das ist der Schlager
in hochwertigen*

EMPFÄNGERN



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