

# The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

April 1999

Volume 5 Issue 4



## MEETING/ ACTIVITY NOTES

Reported by Marsha Sinkin  
and Marv Beeferman

The March meeting was preceded by an Executive Board meeting at which time the details of the Tony Flanagan Memorial Award were finalized. The award is being supported, in part, by a generous donation from the Delaware Valley Historic Radio Club (DVHRC). Nominees will be considered based on their contributions to the promotion of the antique radio hobby, the preservation of radio and electronic communication history and the history of their associated disciplines through artifacts and documentation, and the promotion of the public awareness of radio development and history through books, articles and exhibitions. Additional guidelines agreed upon included:

- Nominees may be club or non-club members.
- Nominations may be made by any club member; a short explanation of the reason for the nomination must also be submitted.
- Nominations may be received by the Executive Board no later than September 30th.
- The Executive Board will determine the winner from all submittals.
- If available, Kathleen Flanagan will present the award at the club's annual Christmas party.
- If an appropriate candidate cannot be selected, the award will be deferred to the following year.

The award will consist of a plaque and a certificate. The club will also maintain a plaque with the names of past winners. The Executive Board will be accepting



## MEETING NOTICE

The next meeting of the NJARC will take place on Friday, April 9th at 7:30 PM in the Grace Lutheran Church, corner of Route 33 and Main Street in Freehold. Contact Marv Beeferman at 609-693-9430 or Phil Vourtsis at 732-446-2427 for directions. This month's meeting provides the opportunity for DX contest participants to show off their entries, so all contestants are urged to bring in their radios; Al Klase will provide either a long wire or active antenna for those who need one. In addition, members of the Camp Evans tour group will share their impressions, the upcoming Morristown library exhibit will be discussed and results of last month's swapmeet will be provided.

nominations with the issue of this month's newsletter; with all the deserving individuals who have supported our hobby, expectations are high for a number of candidates to select from.

On March 29th, Ray Chase, Jon Butz Fiscina, Marv Beeferman and Joseph Bentrovato met with Mr. Ralph Brown, the exhibit designer for the Morris County Library (30 East Hanover Ave., Whippany) with regard to the club's participation in the library's upcoming radio exhibit. The display will showcase antique radios and artifacts from the early crystal sets of the 1900s to the designer radios of the '30s and '40s. The exhibit will open Saturday, May 1st and may attract considerable attention through press releases and advertising; the preliminary press release shown to the group was quite impressive. The colorful exhibit brochure was equally impressive, including a short history of radio's early beginnings, music and media services, reference sources, internet sources, videos and children's services. The club plans to have members at the exhibit on Tuesday, June 1st at 7 PM to talk about the exhibit, answer questions and appraise items brought in by the public. The display will include the library's 4-section main case, 2-section secondary case and 2-section entry case located in the library's breeze way. Morristown councilman William "Butch" Barber may also be contributing

to the display.

The group discussed security and insurance arrangements with Mr. Brown and found them satisfactory. Since the display area has size limitations, an extensive number of items will not be required and Mr. Brown's professional experience will ensure that they are exhibited in an eye-pleasing manner. The club plans to furnish Mr. Brown with more than the number of pieces required so he may be selective in what will offer the most effective examples. Some pieces have already been offered but club members may be called upon to volunteer one or two items representative of a category that are not yet available. If you care to participate in either entering an item or two in the exhibit or participating in the discussion session on May 1st, please contact Ray Chase (908-757-9741), Jon Butz Fiscina (201-437-6895), Marv Beeferman (609-693-9430) or Joseph Bentrovato (973-361-7392) as soon as possible.

A short talk and exhibit are also planned for the Republican Club meeting at the Chateau in Lakewood on April 13th at 8:00 PM (setup at 7:00 - 7:30). Contacts are John Killian (732-341-9035), Phil Vourtsis (732-446-2427), Marv Beeferman (609-693-9430) or Sal Brisindi (732-308-1748) for anyone who would care to participate. This might also provide a great opportunity to plug

**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. 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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<http://www.eht.com/oldradio>

**InfoAge!**

Our March swapmeet was very successful with all tables sold and approximately 200 buyers attending. Thanks again to Board members and volunteers who provided enthusiastic support: Phil Vourtsis, Marv Beeferman, Sal Brisindi, Marsha and Jerry Simkin, Marty Friedman, Robert Hamilton, Rick Weingarten and Larry Scharmann. Thanks also to Jon Butz Fiscina for donating a Zenith radio/phono combination (disguised as a Transoceanic) to the club table which Phil Vourtsis subsequently restored before its sale (not the club table, the radio). George Shields Jr also added 5 boxes of odds-and-ends (and a large box of tubes which will be sorted before sale), a donation from one of our members. A special thanks also goes to Bill Overbeck for conducting a very efficient and entertaining "walk-around" auction. President Phil Vourtsis was again very pleased how smoothly the marking system for table locations worked out; plenty of room and no complaints. In fact, Phil arrived late since he had to return home for some forgotten essentials and your editor was able to handle the initial onslaught single-handedly. Catering by Kenny's Kitchen was available early in the day with fresh offerings and reasonable prices. Sale items were numerous and varied but the usual limited showing of early 20s battery sets was noticeable. The award for the most aesthetically pleasing table layout must again go to member Mark Mittleman.

Although the meet was profitable due to the \$2.00 entrance fee, it wasn't by much. Any unforeseen expenses or additional advertising fee could have easily put us in the red. The problem was again discussed at the March meeting and

it seems imperative that a less expensive location with more exhibit space is the answer...and not as hard to come by as one might expect. The Hamfest advertised in this month's *Broadcaster* is a good example (although the location does not meet our needs). The fire house is air-conditioned and can be obtained for a \$150-\$200 donation to the ladies auxiliary which also sells breakfast and lunch at the event. In addition, tables are provided! Most fire houses are similarly equipped and rent in the same price range. It certainly is worth consideration.

Donald Finn, one of our newest members, invited the club to exhibit at Historic Speedwell. This national historic site preserves part of the estate of Stephen Vail, owner of the Speedwell Iron Works. Among the permanent exhibits are the Iron Works, the S.S. Savannah, early farm equipment and the actual room where Samuel Morse and Alfred Vail completed work and gave the first public demonstration of the telegraph (see <http://www.speedwell.org/tel.html>). Donald is also associated with the InfoAge project and updated the club on recent developments via discussion and a 15 minute video. (See the article on the Camp Evans tour in this month's issue.)

Al Klase's presentation "Remedial Radio Technology" was extremely well-received. Al traced the development of radio starting with its initial building blocks (oscillators, detectors, filters, etc.) and then through the work of its major contributors such as Volta, Faraday, Henry, Maxwell, Hertz and Marconi. Al's genial and lighthearted approach to the subject solicited both interest and interaction and placed just the right finishing touch on a very pleasant March meeting.





## BCB DX CONTEST RESULTS ARE IN!

Reported by Marv Beeferman

Results are in for the NJARC BCB DX Contest and participation was encouraging for a first effort. The object of the contest was to try to recapture the excitement of early DXers by using vintage broadcast-band receivers for pulling in signals from the greatest possible distance. The contest also hoped to arouse some gentlemanly competition between the New Jersey and Delaware area clubs. Performance was judged by total mileage for ten best loggings during a 24-hour session. Thanks to members Al Klase and Tom Provost for organizing the contest and tabulating results. And now, without further ado, the envelopes please:

### Category A - Crystal Radios

**Winner:** Al Klase (the only participant in this category)  
Receiver: "Skywaves" high performance crystal set  
Antenna: 60' 3-wire flat top  
Greatest distance: 530 Radio Vision Cristiana, 1309 miles  
Total score: 5,846 miles

### Category B - Primitive Tube Receivers and Homebrew Sets (1 to 2 tubes + power supply)

**Winner:** Tom Provost  
Receiver: Ambassador 2-tube regenerative kit from the 1920s  
Antenna: 80' multiple dipole  
Greatest distance: 530 Radio Vision Cristiana, 1309 miles  
Score: 7,105 miles

Marv Beeferman  
Receiver: George W. Walker "Multi-Unit" configured as a 1-tube receiver  
Antenna: 50' outdoor single wire  
Greatest distance: 1220 XEB Mexico City, 2,055 miles  
Score: 6,055 miles

### Category C - 1920's Battery Sets and Homebrews

**Winner:** George Shields Jr  
Receiver: Phoenix Ultradyne (8-tube superhet, 1924)  
Antenna: 75' outdoor single wire  
Greatest distance: 530 Radio Vision Cristiana, 1309 miles  
Score: 6,964 miles

George Shields Jr  
Receiver: Federal 61 (8-tube RF/regen, 1924)  
Antenna: 75' outdoor single wire  
Greatest distance: 940 XEQ Mexico City, 2,055 miles  
Score: 6,808 miles

Gary D'Amico  
Receiver: Stewart Warner 525 (6-tube TRF, 1920s)  
Antenna: 80 meter dipole  
Greatest distance: 570 Radio Reloj, Cuba, 1271 miles  
Score: 6,453

### Category D - Receivers of up to 8 Tubes (pre 1950)

**Winner:** Abe Diehl (DVHRC)  
Receiver: Philco 42-390 (8-tube superhet console)  
Antenna: Rotating internal loop  
Greatest distance: 900 XEW Mexico City, 2,055 miles  
Score: 10,115

Tom Provost  
Receiver: Philco 38-620 (6-tube superhet, 1938)  
Antenna: Homebrew tunable loop  
Greatest distance: 530 Radio Vision Cristiana, 1309 miles  
Score: 9,666

Gary D'Amico  
Receiver: Philco 37-610 (5-tube superhet, 1937)  
Antenna: Homebrew tunable loop  
Greatest distance: 600 CMKV Cuba, 1271 miles  
Score: 8,914

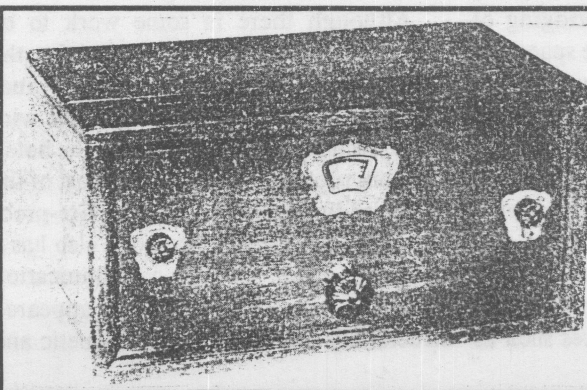
Frank Feczko  
Receiver: Zenith 6-G-801 (portable, 1949)  
Antenna: Pull-up  
Greatest distance: 870 WWL New Orleans, 870 miles  
Score: 6,840

Abe Diehl  
Receiver: Sentinal 248W (5-tube superhet, 1940s)  
Antenna: Internal loop  
Greatest distance: 870 WWL New Orleans, 1128 miles  
Score: 5,128

### Category E - Open (any other radio built before 1950)

**Winner:** Al Klase  
Receiver: WW2 Navy RAX (superhet, 1940)  
Antenna: WW2 DV-1 Navy loop  
Greatest distance: 530 Radio Vision Cristiana, 1309 miles  
Score: 11,316

Frank Feczko  
Receiver: Hallicrafters SX-28 (Communication receiver)  
Antenna: Long wire  
Greatest distance: 1040 WHO Des Moines, 1014 miles  
Score: 5,318



STEWART WARNER

525

## NJARC TOURS CAMP EVANS

By Marv Beeferman

On March 27th, NJARC members Phil Vourtsis, Al Klase, Marty Friedman, Jerry and Marsh Simkin, Jerry Dowgin, Ray and Edith Chase, Dave Snellman, John Ruccolo and Marv Beeferman were treated to a private tour of the future home of the InfoAge Learning Center (and perhaps the NJARC) at Camp Evans in Wall, New Jersey. The tour was hosted by Fred M. Carl, one of the project's major organizers and inspirations, who met us in one of the two large parking lots adjacent to the site.

Entering the site, we were greeted by one of its few remaining artifacts, a small top portion of the many antenna towers of Marconi American Wireless Company station #6 (WW2GM), one of the first commercial transatlantic communication installations in the country. As many of you know, the site was later used by the Army as a WWII secret radar laboratory, a component laboratory and finally a radiation dosimetry and electronic warfare laboratory. Mr. Carl, in his introductory material provided to the group, noted that the site "represents the wireless period of radio, the bridging of WWII radar technology with the space age Diana, the bridging of vacuum tube technology with the transistor, and the birth of electronic warfare." Mr. Carl also noted that the site's educational focus will assure continued funding for preservation of New Jersey's electronic heritage and maintain a memorial commemorating the unsung engineers and scientists who enabled the allies, through devices such as

radar, to preserve our democratic heritage.

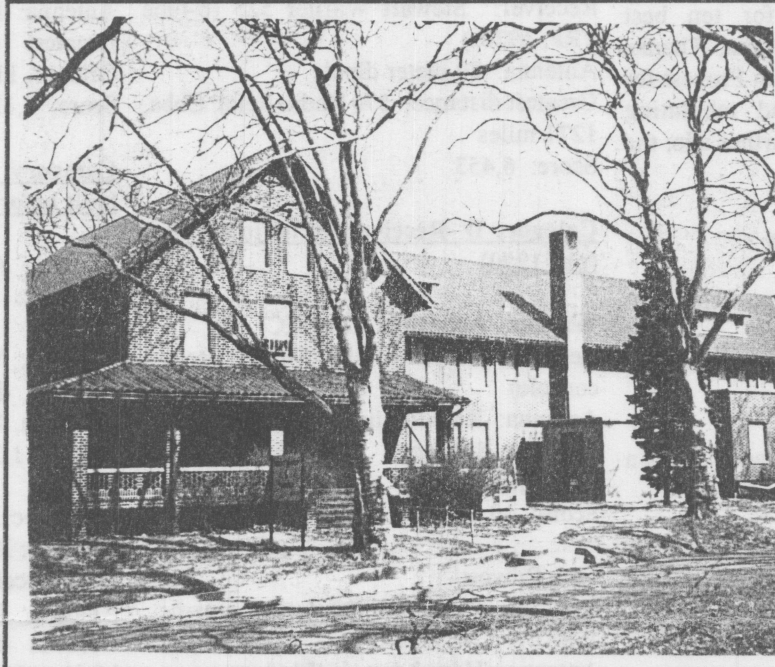
The group toured the inside and attic of the historic Marconi 45 room hotel, the outside of its wireless support buildings and the interior of the interconnected "H" buildings which were used for, among other things, SCR-268/270 radar fabrication. The H buildings are slated for exhibit, classroom, auditorium and other Learning Center activities. Of interest to NJARC members are specific sections to be devoted to basic science (wave theory, electricity, electronics, wireless telegraphy, etc.), radio technology, vacuum tubes, radio & society, semi-conductors, printed circuits, computers, etc. A building next to the hotel is planned to showcase the National Broadcaster's Hall of Fame, New Jersey's rich electronics

some interior renovation being required for use as an exhibition area. Mr. Carl also noted that the heating system, up and running during our visit, was still reliable.

Mr. Carl pointed out one of the unique structures being considered for preservation, a Dymaxion Deployment Unit (DDU). This circular, domed-roof portable building was designed and patented by R. Buckminster Fuller in 1941 and represented a special version of his dymaxion house which employed minimal material for maximum efficiency. This design concept was a good fit with America's military needs during WWII. Mr. Carl also talked about the use of Evan's huge, revolving turntable that slowly rotated captured enemy armour (such as Soviet tanks) to perfect radar imaging.

The tour was also peppered with lively exchanges between Mr. Carl and the group regarding the site's rich history, with some of it still to be revealed. Conversation regarding Sarnoff's and Armstrong's demonstration of the regenerative circuit, Harold A. Zahl's work with radar, Project Diana, the Julius Rosenberg investigation (where in some circles Evan's "House of Magic" status was degraded to "House of Spies"), micro-electronics testing, transistor development and IFF development, all added to a delightful afternoon.

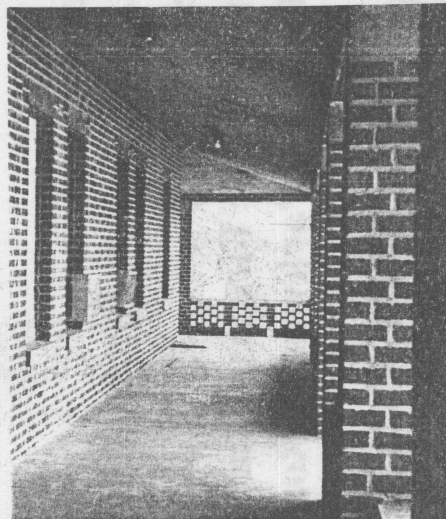
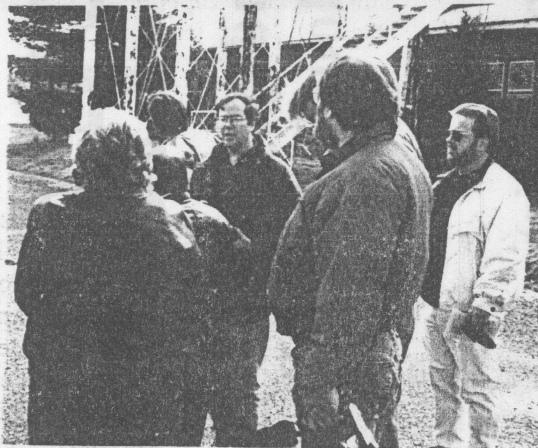
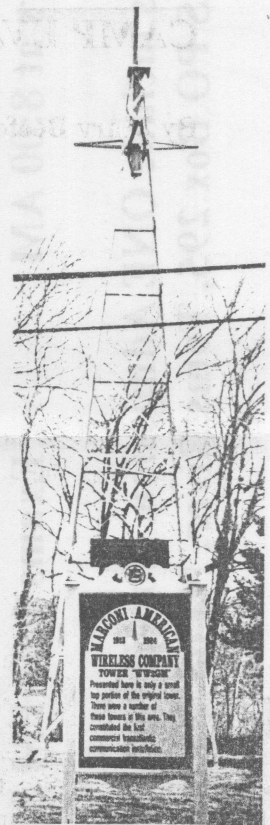
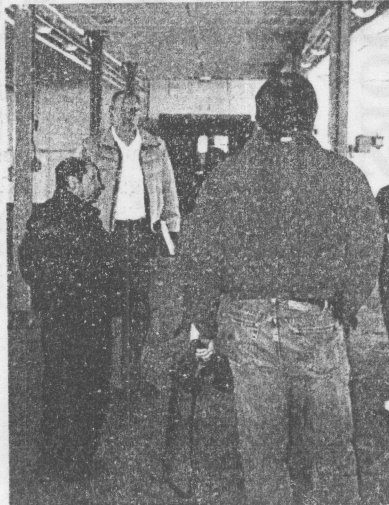
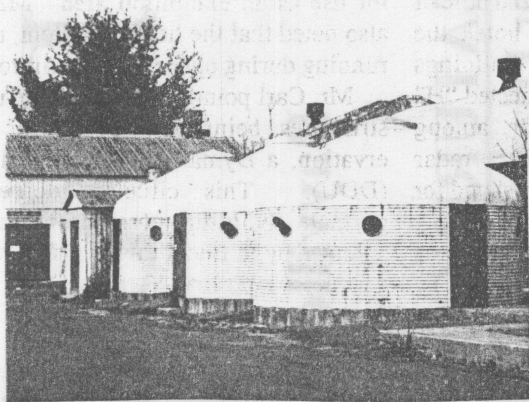
To show our enthusiasm and support for this worthwhile project, the club is soliciting volunteers to participate in a Spring cleanup (mostly leaves) of the site on April 17th. This is a great opportunity to get a glimpse of what the future may hold for both the club and young, budding electronic wizards. Directions to the site can be found at [www.infoage.org](http://www.infoage.org) or contact Marv Beeferman or Phil Vourtsis. The cleanup will run from 9:00 AM to 2:00 PM and members may show up at any time during this period. By the way...its BYOR (bring your own rake).



industry, radio, radar & electronic warfare. The hotel itself will house offices, a library, small collections, an archive and small meeting rooms.

Although there is some work to be done, the group was impressed by the basic good material condition and, surrounded by a twelve foot, barbed wire fence, security of the buildings. The hotel, Marconi support buildings and most of the Army additions are well-built, fire-proof masonry structures. The hotel also has a modern, fiber optics communication system. The "H" buildings appeared structurally sound with only cosmetic and





## UPCOMING EVENTS

### International Marconi Day

#### Krantz Auction

International Marconi Day (IMD) is an annual event that takes place on the Saturday nearest Marconi's April 25th birthday. Radio amateurs throughout the world will be on the air for the 24-hour period of April 24 Universal Time to contact as many other amateur stations as possible. Special awards and certificates are available to those making a notable number of short wave radio contacts.

Two central New Jersey amateur radio organizations have been authorized to

operate on IMD. The Marconi Chapter of the Quarter Century Wireless Association has been authorized to operate at Fort Monmouth in Eatontown using the call letters WA2GM. The Ocean-Monmouth Amateur Radio Club has been authorized to operate from the original Marconi Hotel wireless station in the former Camp Evans area in Wall using the call letters N2MO. Both stations plan to be on the air for the entire 24-hour period of IMD, which starts at 8:00 PM EDT on Friday, April 23 and ends at 8:00 PM, Saturday. The stations are open to the public and all local radio amateurs are encouraged to visit and help operate these stations. Affiliation with the sponsoring organizations is not a requirement for operating.

For further information, contact Don Finn at (908)-604-6692).

A major estate auction described as "a collection almost beyond inventory" will take place on Saturday, April 24 and Sunday, April 25. The majority of items (two additional auctions may be scheduled) of the estate of Frank Krantz will be offered at 100 Osage Ave., Somerdale, NJ. Categories include: radios, tubes, telegraph, early books and manuals, cameras, documents, advertising, magazines and ephemera, early TVs and related items, telephone, medical quackery, speakers, high fidelity, test equipment, meters, crystals and detectors, microphones, headsets, horn speakers, tube boxes, novelties, and thousands of parts. **DON'T MISS THIS ONE!** Information is available from Dennis Childers, PO Box 126, Arcola, PA 19420, 610-269-1036.

Jersey Shore Amateur Radio Society

# HAMFEST by the Shore

Sunday, August 15<sup>th</sup>, 1999

Bayville Fire House, Route 9, Bayville, New Jersey

## FEATURING

Door Prizes (need not be present to win)

All Indoor Tables

Air Conditioned, 4100 square foot Hall

Advance Tickets Provide Two Drawing Chances

VE Testing in Separate, Quiet Building

Food and Refreshments by the Bayville Fire Auxiliary

Easy to Reach from the Garden State Parkway to Route 9

## TALK-IN

W2DOR/R

146.910 out

146.310 in

PL 127.3

## DOORS OPEN

Vendors at 6:00 AM

Buyers at 8:00 AM

## VE SESSION

Registration 12:30 PM

Exams 1:00 PM Sharp

## ADMISSION

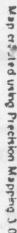
Buyers/Sellers - \$5

Tables - \$15 each

Tables include ONE Admission. Non-Ham YL's, XYL's & Kids 14 and under FREE  
JSARS PO Box 295, Toms River, NJ 08754 or Email JSARSFEST@aol.com



Food



## 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

Check out NJARC's capacitor program for those most commonly needed replacements. Contact John Ruccolo at any club meeting or call him at home (609)-426-4568 to find out what's available. All proceeds go to the club.

Old radios and 78 RPM records from an estate. Includes Zenith #5614, Silvertone radio/disk recorder and RCA ACR175 communications receiver. George Rottina, 17A Lumberjack Cir., Horsham, Pa., 19044. (215)-675-9055

Amplifiers - One by Precision Electronics, Inc., Model "Music Lovers High Fidelity Amplifier," one by Challenger Amplifier Co., Model CC18 - 80W. \$40.00 each (plus). Beitman's "Most Often Needed Servicing Information for F.M. and Television," 1947...also for Television, 1951. Both books, \$25 (plus). Elwood Hunt, 308 Georgetown Rd., Carneys Point, NJ, 08069. (609)-299-5259

Communications, military and test equipment. Send long SASE for revised list and lots of new items. Also: Zenith oval shaped console 9-S-263, 9-tube RobotDial w/motor tuning. In original showroom condition - \$995 - or best offer. Eveready battery set (uses type 240 tubes), good condition - \$100 -. Pair of ElectroVoice Aristocrat corner enclosures with University 312, 8-ohm, 25 watt triax speakers...sound is great, condition is good - \$300 -. Ray Chase, 1350 Marlborough Ave., Plainfield, N.J. 07060. (908)-757-9741. (12/98)

The ever-handly 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." Available from Ludwell Sibley, 102 McDonough Road, Gold Hill, OR 9725-9626 for \$19.95 postpaid in the U. S. and Canada, \$24.95 by air overseas. Clubs get a discount on multiple copies.

The NJARC tube program offers clean, tested, boxed tubes at very reasonable prices with availability at any club meeting (no dealers, please...not for resale). Proceeds go to the club. Of course, donations of radio-type tubes in any condition are welcome. See Gary D'Amico at the next meeting.

Parted out Stromberg Carlson 19-20 (AC). Power transformer appears OK; IF's are O.K. Electrodynamic speaker is electrically OK (needs cone repair). Make offer. Alton Dubois, Jr., 67 Peggy Ann Road, Queensbury, NY 12804. (518)-792-3130.

## WANTED

Cast aluminum lid for Eveready #2 radio, circa 1928. Good photo would help if lid is not available. Need two, four-inch black No. 488 dial knobs for Fried Eisemann NR-6. Alton Dubois, Jr., 67 Peggy Ann Road, Queensbury, NY., 12804. (518)-792-3130.

WWII Military Television - Army/Navy Glide Bomb TV receiver CRV-46, BC-1213, cameras, trans. tuning meter, ATK/ATJ technical manual. Maurice Schechter, 590 Willis Ave., Williston Pk., NY 11596 Phone/fax: (516)-294-4416)

Japanese tubes: UF134, UZ135, UF109A, UF111A, UY133A. Lewie Newhard (610)-262-3255

Howard Sams book "From CB to Ham Beginner" by J.A. Stanley. Richard C. Yingling, 2 S. Locke Ave., Yeagertown, Pa. 17099. (717)-242-1882

Need someone to repair a Philco 4654 Predicta TV. Ray Casper (609)-695-8312

Good front panel and internal horn speaker for Radiola IX; speaker for AK55. Tom Provost, (609)-259-7634

Looking for accessories for AN/GRC-9 field radio, especially front cover, whip antenna and power cord for DY-88 power supply. Al Klase, (908)-782-4829, skywaves@bw.webex.net

Emerson AU-190 chassis; FADA 659 dial glass; Chelsea ZR-4 audio transformer; Sentinel 400 Television; Plastic CRT cover (front) for 17" Philco Predicta; Pilot TV-37 tuning knob (wood). Frank Johnson, 530 Elford Rd., Fairless Hills, PA 19030-3624. (215)-943-8295

Sales literature, service manuals, and equipment for theatre sound/broadcast use by RCA Photophone, Century Sound, Motiograph, Altec, Western Electric, etc. Theatre catalogs by Jay Emmanuel Publications, Philadelphia. Scott Stillwell, 2328 Cambridge Circle, Hatfield, PA 19440. (215)-393-1833 Pager: (800)-717-9306

Chassis and speaker for Sparton 517B (Machine Age to Jet Age, pg. 187) or Sparton 527-2 (Machine Age to Jet Age II pg. 283). Joe Bentrovato, 84 E. Munson Ave., Dover, NJ 07801. (973)-361-7392

Buying European Radios! Grundig, Telefunken, Saba, Normende, Blaupunkt, Phillips, Goplana, etc. Must be in good to fair condition. Richard Brill, P.O. Box 5367, Old Bridge, N.J. 08857. (732)-607-0299. Fax: (908)-679-8524 or rgbent@aol.com