

# The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

May 1999

Volume 5 Issue 5



## MEETING/ ACTIVITY NOTES

Reported by Marsha Simkin  
and Marv Beeferman

Opening business at the May meeting centered on the results of our Spring swapmeet, the Morris County Library exhibit, Historic Speedwell, International Marconi Day, the display at the Lakewood Republican Club and plans for our Summer Swapmeet.

Treasurer Sal Brisindi reported that the Spring swapmeet resulted in an unexpected gain of about \$900 for the club treasury...nice job to all who helped out. It looks like our Summer meet will be held at the Hightstown Country Club on Saturday, July 31st; complete details will be available in next month's *Broadcaster*. This will be an outdoor meet only, so we're hoping for something between clouds and no rain from the weatherman...there was another 1-hour event scheduled for the day so we couldn't reserve the inside facility. The cost couldn't be beat, \$250, and it will give some members who requested an "open space" meet the opportunity to bring their larger vehicles. The bathrooms have been improved and the parking area levelled. John Ruccolo's initial reconnaissance indicated that the tables look pretty good and will be assigned on a first come/first serve basis after reservations have been filled. Timing looks excellent so far; the Michigan "Extravaganza" is July 8-11 and the Elgin meet is August 4-7.

The new location is not intended to be permanent; until the InfoAge site becomes firm, we are still planning to secure a permanent indoor location near a major



## MEETING NOTICE

The next meeting of the NJARC will take place on Friday, May 14th 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 members to learn all about one of the hottest new sources for adding more "stuff" to their collections and perhaps raise their blood pressure by a few points...ebay. A demonstration of this on-line threshold to the bidding wars will be presented by Phil Vourtsis. In addition, a few first-hand accounts of the Krantz auction held in April is also on the agenda.

artery with tables, ample outdoor parking and the capability for both indoor/outdoor activities. Of course, the price would have to be reasonable and insurance taken care of.

The Morris County Library exhibit is up and running. Ray Chase reports that the display looks great and is very nicely laid out, but as we all suspected, the historical aspect of radio development

viewer comments is getting filled and all comments are very complimentary. Ray noted that on one day, while he and Joe Bentreovato stood by the display and discussed it, people continued to interrupt them to ask questions or talk about radios they had or still have. One old oriental gentleman was almost in tears as he reminisced about his experiences with radio in China during the Japanese occupation. On another day, Ray and Joe met a 95 year-old man who worked for DeForrest in 1928 and who did a lot of other interesting electronics work. Ray says "the guy is fantastic...his mind is sharp as a tack and he loves to talk. He says he still works 12 hours a day doing audio work in his lab at home and claims to have a tremendous tube collection. Joe and I are going to visit him on Thursday to scope out how we can get this all down on video tape to preserve all his recollections for historical purposes."

President Phil Vourtsis has commented that he has received many positive calls in regards to the display along with the usual "how much is my radio worth" or "I would like to sell my radio." It appears that the efforts of Ray Chase, Joe Bentreovato and John Butz Fiscina have been rewarded and merit a



**NJARCs Info Age Fall Foliage Brigade, weapons at the ready, take a break in the action for this photo-op.**

was not stressed as much as we would have liked it to be. However, the club has been invited to bring the exhibit to Historic Speedwell after its run at the library where the opportunity to exhibit more historical artifacts will be made available.

The display is drawing a lot of interest...a sign-up sheet provided for

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well-deserved "well-done" from the club.

Want to participate? On June 1st, the club is sponsoring an evening seminar where club members can answer questions about the display, appraise radios, and just share their interest in radio collecting and history. A few display items (just for the evening) would also be a nice addition. All members who are capable of attending are welcome...to see our exhibit, have some fun and show our support for our fellow member's efforts. Directions appear with a copy of the Star Ledger's report on the display in this month's *Broadcaster*. On May 6th, Ray and Joe Bentravato were interviewed at the library for another Star Ledger article which will be in the paper's antiques section on Sunday, May 15th - let's be sure to watch for it.

Your editor, Phil Vourtsis, John Killian and Bernard Gindoff had a pleasant evening at the monthly meeting of Lakewood's Republican Club in the Chateau Grand on Route 9. It always amazes me how the display of a few vintage radio items can bring forth memories that may have remained dormant for fifty or more years. Perhaps in the future, people will tie the major events in their lives to "I remember watching Seinfeld on TV when all of a sudden they broke into to program with the announcement that..." (On second thought, they might have a riot on their hands, even if it was the start of WW III.) But hopefully, that connection is a few years away and, for the time being, radio collecting still remains a major "real time" link to the past and a great way to make many new and "old" friends.

On April 24, the NJARC crew helped "defoliated" the area around the Marconi hotel to maintain its "lived-in" look until final turnover, hopefully in October. During a break, we were able to tour one of the two cottages (one was for the station manager and his family and the other for the chief engineer) on the other side of Marconi Road opposite the hotel.

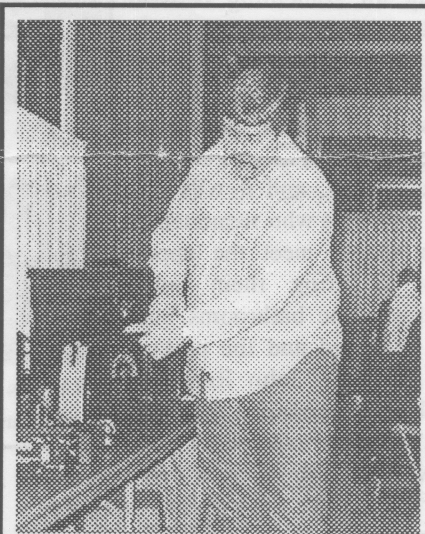
Since it was occupied up until last year, the cottage was in excellent condition and afforded an excellent view of the Shark River. It appears that some of the original early 1900 fixtures still remain and the building still retains the structural soundness it inherited from its European design (it's mostly all cement). InfoAge is hoping to obtain it as an attraction for its first Director.

For the evening's program, BC DX contest contestants were asked to demonstrate their entries. Thanks again to Al Klase for coming to the rescue with an active antenna to capture the evening's electromagnetic offerings. This month's *Broadcaster* includes an article by George Shields Jr. where his entries compared two competing circuits of the early '20s.

On a final note, paid membership is at 150 which is close to a 95% renewal-a great response. For those members who have not renewed, their *Broadcaster* subscription (and a \$5 reduction on swapmeet spaces) will end in June.



**An interested listener.**



**Frank Feczko talks about his category D entry, a Zenith 6-G-801 portable (1949) which accumulated a total score of 6,480 miles.**



## RADIO COLLECTORS TUNE DIALS TO A BYGONE ERA

By Patty Everett

*The following article appeared in the Thursday, April 29th edition of the Star-Ledger...Ed.*

Growing up in Worcester, Mass., in the '30s, Ray Chase and his family were too poor to buy a console radio that for many was the centerpiece of the living room. But they could afford a table model that was, nonetheless, a focal point of family life.

Chase, a resident of Plainfield, remembers listening to the "Jack Armstrong all-American boy" serial and mystery shows. For his parents, there was Walter Winchell. "I remember Pearl Harbor Day," said Chase. "I just remember the announcement, and my father hushing the family and saying we were all at war." Radio played an important part in his life back then. Today, it still does.

A member of the New Jersey Antique Radio Club, Chase is among a handful of people who have loaned pieces from their collection to "Radio: The Story & the Style," a vintage radio exhibit opening Saturday at the Morris County Library in Whippany. Coordinated by Ralph Brown, senior exhibit artist, the display runs through June. Other collectors who have loaned radios for the exhibit include Joseph Bentrovato of Dover, William Barber of Morristown and Jon Butz Fiscina of Three Bridges.

Fiscina's and Chase's love affairs with radios go back to their boyhood days. For the 66-year-old Chase - who retired from the electronics industry after working with radar and radar systems for the likes of Lockheed Corp., Lucas Aerospace and the Aircraft Radio Corp. - it began with some children's books about radios from the local library. Soon after, the young Chase was taking the gadgets apart and putting them back together.

One book played a key role in the development of Fiscina's hobby; Alfred

Morgan's "The Boy's First Book of Radio and Electronics." "That's what got me started," the 42-year-old said. The book, coupled with the family's move to Whitehouse Station, was enough to plunge Fiscina into a hobby that - though he would forsake it at different periods of his life - he would always continue. Life was rather lonely during those early months following the move, Fiscina recounted, and the tunes from the AM stations that emanated from his stepbrother's crystal radio set helped fill that void.

Fiscina started venturing to the open dump the town then maintained, and began picking up old radios that residents had discarded. "In the '60s, people were throwing away radios from the '20s, '30s and '40s," he said. "Back then, people really didn't have much interest in old radios." Some of them worked; those that didn't became the object of Fiscina's tinkering. Most of those Fiscina collected early on he sold before he went away to college, but he now has others from that period in his collection.

There's a caramel-colored, 1938 table model from the DeWald Co., that will be on display, complete with its original knobs and in working condition. The piece is made from Catalin, a colorful material that, when cured and polished, looks like a gemstone. Radios made of that substance are now being sought after by collectors.

"These radios were originally sold as a second radio," Fiscina said. Typically, families would keep their main radio in the parlor or living room, with a second radio in the kitchen or bedroom that would match the decor. "Way back when, these sold for \$10, maybe \$15 each, and today they're worth hundreds of dollars, depending on the condition," he said.

A pilot by profession, Fiscina now enjoys collecting radios connected in some way to aeronautics, short-wave radios and those with a tuning eye.

Like Fiscina, Chase has an affinity for the colorful plastic radios. Another of his collecting specialties is World War II radio military equipment - the latter "obviously not very pretty to look at," he said. For Chase and many other collectors, the historical element is integral to the hobby. He is fascinated

with radio's development, from Marconi's first trans-Atlantic wireless transmission in 1901 to the premiere radio broadcast by a licensed station on Nov. 2, 1920.

"Up until 1920, radio was only used for point-to-point communication, but after 1920, radio broadcasting was intended for a mass audience," he said. Chase's earliest radio, of the 1920-'21 vintage, looks more like a scientific piece of apparatus with protruding tubes than a radio.

The goal of the exhibit is to include radios from the '20s, '30s, '40s and '50s to help depict the evolution of home radio receivers. Featured will be Bakelite radios from the '30s, which are distinguished by their dark brown, plastic-like durable cabinets, streamlined art deco pieces and specimens from some of the better-known industrial designers of the time. The display can be viewed during regular library hours, Monday through Thursday, 9 a.m. to 9 p.m., Friday and Saturday, 9 a.m. to 5 p.m., and Sunday, noon to 5 p.m.

### DIRECTIONS:

#### WEST

Route 10 East through Parsippany. Just before the 287 overpass, turn south off of 10 at the Hanover Marriott onto Ridgedale Avenue. Down Ridgedale about 2 miles, past Allen papers on the right and, next, the Morris County Mall on left. As you reach the Mall and approach the intersection, move into left turning lane; a Sunoco station is left an across the intersection from you. **Turn left onto Hanover Ave.** The library is a half mile down the road on your left, a one-story brick building set back off the road behind the parking lot. Slow down for the limited access turn into our driveway.

#### EAST

Route 10 West, passing under 287. Take the jughandle turn for Ridgedale Avenue and follow the directions above, OR... Route 24 West to last exit, 1A. Turn right off the exit ramp and pass under Rte 24. Take the immediate right hand feed off of Whippany Rd onto Hanover Ave. The library is 200 yards up the road on your right.

**SOUTH**

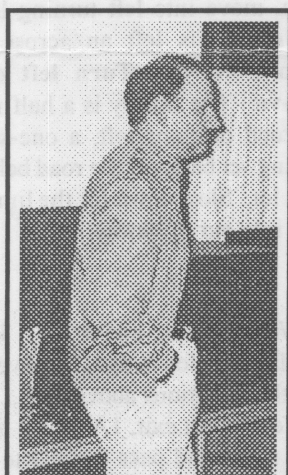
Route 287 to exit 36A, Morris Avenue and Rte 511. Turn right at top of exit ramp. **Stay in middle lane.** Pass the equestrian statue on your right, Ford Mansion (large white colonial home) on your left. Road narrows to two lanes; move into left turning lane as you approach the **second light.** Left turn off of Whippany Rd onto Hanover Ave. The library is 200 yards up the road, on your right.

**NORTH**

Route 287 to exit 36, Lafayette and Ridgedale Avenue. Stay to the right coming off of 287 and bear right onto Ridgedale Avenue. Seven tenths (7/10) of a mile to intersection with Hanover Ave. (Sunoco station on the right); right turn onto Hanover. The library is a half mile down the road on your left, a one story brick building set back off the road behind the parking lot. Slow down for the limited access turn into the driveway.

## THE NJARC BC-DX CONTEST... COMPARING COMPETING CIRCUITS

By George Shields Jr.



George discusses his two entries.

For my participation in the NJARC medium waves DX contest, I elected to contrast and compare the performance of two early 1920's receivers using two different and, at the time of their introduction, competing circuits: multi-stage RF /Regeneration and Super-heterodyne.

The RF / regeneration radio used was a Federal model 61, employing three stages of RF amplification, the first of which, through the use of variable grid bias, is caused to regenerate. The circuit also employs a detector and two AF stages. The Federal radio uses iron core RF transformers which have a tendency to limit RF performance somewhat as well as frequency range, necessitating the use of all three RF stages for maximum sensitivity. Nonetheless, because of the very high degree of fine adjustment possible by the careful use of all sixteen independent operating controls, the model 61 can be made to perform superbly, with outstanding range and selectivity, above that of typical "losser" and Neutrodyne circuits used at the time. The Federal 61 was one of the most expensive radios sold at the time and was intended to offer top performance to those sufficiently well heeled to afford one, let alone sufficiently skilled to operate it!

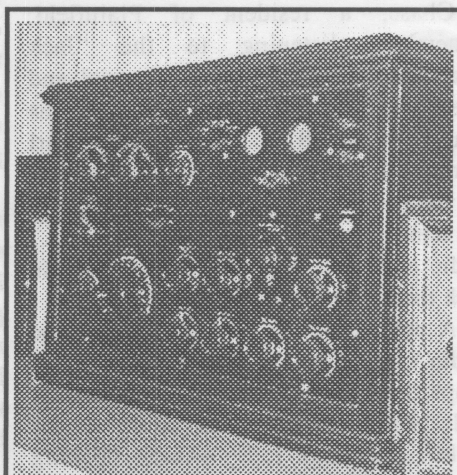
The superheterodyne I selected was a Phoenix - Ultradyne which employs the original classic Armstrong 8 tube superhet circuit. This radio was sold as a kit (as were all superhets prior to the RCA AR812) and features four matched Thordarson IF transformers, a hand wound oscillator coil and independent filament controls for each section of the receiver plus variable RF grid bias. The local oscillator operates at 60 KHz and all tubes are UX201As. Although sold as a kit, the Ultradyne superhet was expensive in the cost of parts alone and still required assembly by the purchaser. This restricted the use of the superheterodyne circuit to those radio buffs possessing not only the money, but the necessary technical knowledge to properly construct and operate the receiver. The result was that at the time it was offered for sale, superheterodynes were used by only a very few radio buffs.

Both radios were sold in the 1924 selling season and represent an interesting

contest between the "best you could buy" vs. the "best circuit available!"

I used a 75-foot outdoor antenna for both receivers. It was constructed of 15-gauge stranded copper wire suspended between the second story roof of my house and a distant tree. Antenna height is 20 feet above ground. Heavy duty glass insulators are used on both ends and a 20-gauge stranded copper lead-in wire soldered to the antenna brings the signal to the radio. Ground is provided by 18-gauge solid insulated copper wire attached to a hot water pipe on the house heating system.

Due to the number of tubes used by both radios (6 in the Federal and 8 in the Ultradyne), I used A and B / C battery eliminators sold by Antique Electronic Supply Co. rated to power up to 12 type 01A filaments. Battery eliminator placement was as far from the receivers as



George's beautiful Federal 61

the battery cable would permit, thereby ensuring as close to original operating conditions as possible for the DX contest. The Federal was used during the first day and the Ultradyne was used on the second day.

*George took 1st and 2nd place in category C, 1920's Battery Sets and Home-brews, with scores of 6,964 (Phoenix) and 6,808 miles (Federal) respectively. For individuals interested in a side-by-side comparison of the two units, log sheets for both receivers are available from either George or Tom Provost...Ed*



## KRANTZ AUCTION PROVIDES SOME SURPRISES

Text by Marv Beeferman  
Bid results by Ray Chase

The Frank Krantz estate auction was held on April 24th and April 25th in Somerdale, New Jersey with many NJARC members included in Saturday's 100 or so bidders. Attendance thinned out to about 75 on Sunday with the numbers declining as evening approached. The auction was conducted in a walk-around style since space was limited because of the large amount of offerings. Sale categories included radios, tubes, telegraph, early books and manuals, cameras and related equipment, documents, advertising, early magazines and ephemera, TV, telephone, medical quackery, speakers, stereo, test equipment, meters, crystals, microphones, novelties and numerous parts. Expectations were somewhat dampened by the limited number of more rare, vintage radios that were put up for bid - it appears that the Krantz collection was somewhat thinned out by individual buyers prior to the auction.



This DeForrest single-wing spherical audion (open filament) attracted considerable interest and sold for \$275. A double-wing audion with open filament sold later in the day for \$450.

Frank Krantz, a professional radio repairman since 1930, was featured in Antique Radio Classified's (ARC) "Collector's Profile" of March, 1997.

While working at General Electric, he took full advantage of the opportunities and temptations to buy old radios as he walked past Philadelphia's Radio Row to and from work. Atwater Kent breadboards for \$1.50 and \$2.00 each and *Radio News* for a nickel apiece or six for a quarter was not uncommon.

Frank began buying old radios not for collecting purposes but as a source of parts. With the outbreak of World War II, civilian radio production ceased and replacement parts became extremely scarce. Soon, people began asking "Hey Frank, can you sell me some parts? Hey, Frank, can you sell me some tubes?" Frank's extensive parts collection was mirrored in the column-long ads found in ARCs classified section.

Frank Krantz's broad knowledge of radio proved to be valuable when he served on a wooden-hulled U.S. Navy mine sweeper and repaired a wide range of electronic gear. After the war, he decided to go into business for himself and ran a successful service business in Philadelphia before moving to New Jersey in 1965.

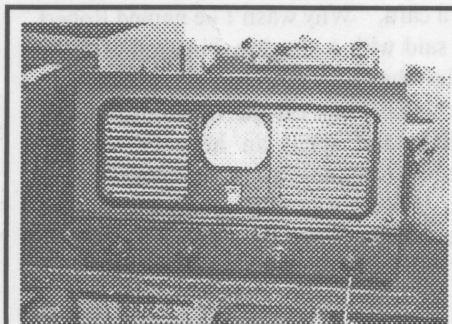
Frank began installing Motorola car radios in 1930 and soon specialized in this area. Frank easily moved into TV technology with the introduction of GE's 7 and 10-inch receivers prior to World War II. During the early '50s, when many repair shops found a ready market for converting existing sets to accommodate larger picture tubes, Frank became actively engaged in this area. The May 1951 issue of *Radio-Electronics* (sold at the auction) carried a cover story about TV conversions with Frank's picture on the cover.

The following listing of some of the more interesting items that were hammered down was provided by Ray Chase:

- Electric Specialty selectable crystal detector unit - \$450
- Farnsworth 1949, 10" table TV with no knobs and many missing tubes - \$200
- 3" Pilot TV with NOS magnifier and paper in VG condition - \$1,000

- Large "Volt-Amp" loop antenna, about 4' high, in VG condition - \$400
- DeForrest single-wing spherical audion, open filament - \$275
- DeForrest double-wing spherical audion, open filament - \$450
- About 8 early Hi-Fi magazines, in binder - \$200
- Emerson 838 transistor radio, in box, with paper - \$140
- Old novelty small toy wall phone/intercom with bell - \$210
- Porter K&D toy motor - \$120
- About 50 "Death Valley" crystals in individual wooden containers, all in original cardboard box - \$325
- Doran crystal detector unit - \$225
- Large, round metal "Authorized Agent RCA Radio Tubes" sign, about 18" in diameter, NIB - \$375
- Two framed Poulson Wireless stock certificates, 1918 - \$190
- WC&J Neff small spark coil - \$375
- Hoyt marble-base physicians medical electric machine - \$550
- Navy model RE LF receiver (4 units on common base), circa 1928 with later modifications - \$400
- L6 Tillotson telegraph key - \$800
- Moon aluminum horn (for use with earphones) - \$600
- Music Master horn speaker with spruce wood bell, in excellent condition - \$375
- Opatone miniature plastic speaker, NIB - \$500

Most items were in good to very good or better condition. Prices are last bid prices and do not include a 10% buyers premium. This is only a small list of a huge quantity of service literature, tubes, magazines, parts etc. that commanded very good prices.



This Pilot 3" TV with NOS magnifier and manual demanded a price of \$1000.

## Intimate Observations of Marconi As Related by Some of His Friends and Associates

*The following article appeared in the Restricted Signal Corps Bulletin No. 104 (pages 87-90). It was found on the Quarter Century Wireless Association's (QCWA) web page as part of the Information Age Learning Center. The association notes that "if this was 1939, you would not be reading this"...Ed*

Wireless was first introduced to America by the late Marchese Guglielmo Marconi, Senatore of Italy, President of the Royal Academy of Italy and of the Italian National Council of Research--intimate friend of rulers, church dignitaries, executives, and engineers in all countries. Only a few, however, have been privileged to know the intensely human Marconi and of his association with his fellowmen and fellow workers.

Mr. Marconi visited America with a set of instruments in 1899 to report the international yacht races. His eagerness to get his apparatus set up was balked by formalities of the Customs office, and after he had climbed up and down the steep steps of the customhouse a half dozen times, he said with a weary smile, "When does the next boat leave for Liverpool? This is too much of a rush for me." But eventually he got his trunks released, and the races were reported with great success.

Marconi was his own operator, and while sending a message with the letter "J" he had to look up the telegraphic characters on a card. "Why wasn't he named Robert," he said with a chuckle, "instead of John?" After the races a group of reporters and yachtsmen met on the transmitting yacht Ponce, and spent an hour or two with Signore Marconi, where he sat at the piano and played, running the range between popular songs and light opera, voted by all as "a prince of a good fellow."

Marconi was a hard worker, and required long hours and patient attention to duty from his subordinates. But he so fired

them with zeal reflected from his own tireless efforts that they were an especially loyal group. In 1912 a group of American Marconi engineers was sent to England to study the huge Marconi transmitters there, preparatory to installing duplicates in our American high-power stations. Day after day Marconi would come to the station with mysterious packages under his arm--sometimes a new form of Spark gap, or a jigger for receiving which would then be tried out in practice. One cold, rainy night, Marconi came in quite unexpectedly, having walked several miles from the railway station, but carrying the usual package. Everyone eagerly watched while he unwrapped--not a condenser nor a new magnetic detector, but a dozen phonograph records. "I thought you young men from the States be rather lonely out here," he said, "so I have brought you some gramophone records." So saying, he placed the first record on the machine, and the homesick Americans heard the strains of Everybody's Doing It Now.

Marconi was scrupulously truthful, and that meant that everything had to be checked for accuracy. This is well shown by an incident in his reception of the first signals across the Atlantic in 1901. He and his assistant were in the cold stone room provided for them in a Newfoundland barracks, and Marconi was tuning again and again for the signal he desired. Nothing but crashes and clicks of static were heard, until suddenly Marconi heard three faint buzzes, with the low-pitch rhythm that identified the signals with distant Poldhu. Again and again he heard them, but, giving no sign to his assistant, he handed over the headphones and said, "Mr. Kemp, do you hear anything?" Even when Kemp checked his observations, Marconi would give out no statement as to his success until both he and Kemp had again received signals the following day.

Marconi was always willing to give reporters the news of an invention or a new record of transmission, but prophecies and the like were his greatest antipathy. One day he made the serious mistake of using obvious sarcasm, "Gentlemen," said he to reporters, "You seem to want me to tell you something new, so I will. I have been talking with

Mars, but don't tell anyone about it." To his surprise, his words were taken in dead earnest and the newspapers of the world blazoned forth the story of "Marconi talking with the stars." That experience taught him not to joke--with reporters. "It's strange," he said, "if I describe an actual invention I may get a little space in the papers, although the foreign ones will be sure to say their countrymen thought of it first; but if I hand them a package, every newspaper in the world will devote column after column to it."

One of the most famed rescues at sea where radio played a part was that of the steamship Titanic in 1912. Marconi was at that time in New York, and when the survivors finally reached that city, they gathered under the balcony of the apartment where Marconi lived and shouted in chorus, "We owe our lives to you." Then a special delegation presented Marconi with a gold medal. An American young lady, whose father was among the rescued, tried to throw her arms around Marconi to kiss him. He, to hide his emotions, turned to the medal. "I will always treasure this medal," he said, "First because it means so much to me, and second, because it makes me appear good looking."

Marconi's quiet humor extended to every one of his intimates, even to the highest dignitaries. One evening he was entertaining a high official of the church and was receiving broadcast entertainment from a frame aerial hidden in the chandelier. The prelate could see no antenna coming into the room, and asked if the electric signals came in through the window. "No, for you see it is closed," said Marconi. "Then how do they get in?" insisted his Eminence. "You can answer better than I can," said Marconi, "for you are in more intimate relationship with things of divine origin."

Throughout all the adulation that was heaped upon him, the honors he received, the incredibly swift growth of the new art of which he was the father, Marconi never got out of touch with those later youthful enthusiasts in the field of radio. In 1925, the American Radio Relay League sent a representative to Scotland in an attempt to receive signals from American amateurs. They were successful, for a number of United States stations were logged. The



Wireless Society of England gave a dinner in London in honor of the achievement which Marconi attended. On that occasion he said of amateurs. "I am never so happy as when I am talking with the young men of today who are so eagerly working on wireless communication and testing, just as I did. I have never lost touch with that side of my career, and never shall."

Some years later he again voiced the same opinion at the "Century of Progress" in Chicago. Two days had been designated as "Marconi Days" and at the close of the strenuous schedule, he insisted on visiting an amateur station which had been set up in the Palace of Transportation. When the startled boys saw their visitor, they forgot schedules and everything else and showed him proudly around their exhibit. As he was about to leave he noticed a partly built transmitter, and said, "That is certainly a fine piece of work."

"But Mr. Marconi," said the lad, "it can't be very good for I am only an amateur."

"That may be so," replied the Senatore, "But, remember, I am only an amateur myself."

The Institute of Radio Engineers not only owes its existence to the art which Mr. Marconi founded, but also was honored from time to time with scientific contributions from him. One of these was delivered in person in 1920, when he was the recipient of the Medal of Honor of the Institute, at a joint meeting of the Institute of Radio Engineers and the American Institute of Electrical Engineers. This lecture was on the then new subject of short-wave communication, and a beam transmitter on a turntable was demonstrated showing how, with waves almost as short as one meter, the transmitter could be turned toward the receiver to give a signal; or turned a few degrees off, in which case nothing would be heard. This lecture was a history-making one in radio circles and Marconi was asked why he gave it first to America instead of to London or Rome. "Because I feel under a deep sense of obligation to America," he replied. "When I was unknown, in 1901, I was received enthusiastically by American scientists, and they tendered me most unexpected banquet when I received the first signals across the Atlantic. So today I am giving

to America and its two great electrical societies the first information and the first demonstration on my new beam apparatus."

The first wireless station built under Marconi's direction by the newly formed American Marconi Co. was at Babylon, Long Island. It was a mere shack, and was used chiefly for experimental work. Years later it was abandoned and forgotten until 1931, when Edwin H. Armstrong, of superheterodyne fame, rediscovered it, in use as a paint shop, and presented it to RCA.

Marconi was also honorary president of old time radio operators and engineers. In December 1931, on the thirtieth anniversary of his first wireless conquest of the Atlantic, the V.W.O.A. presented him with a special gold medal, to which he replied, "I am deeply touched at having been conferred such a generous token of appreciation by the V.W.O.A., the component members of which are particularly close to me, and I wish to assure you that your valuable gift will be treasured among the most cherished rewards I have ever received."

## UPCOMING EVENTS

The **1st Annual Kutztown Radio Meet** will be held on Saturday, May 15th starting at 7:00 AM at the Renniger's Antique and Farmers Market. 100+ spaces are available under a covered pavilion and unlimited uncovered spaces are also available. Cost is \$15 per space and no pre-registration is required. For questions, contact Steve Wallace at (610)-994-7230 (kkks@epix.net) or Dan Dewald at (610)-638-6848.

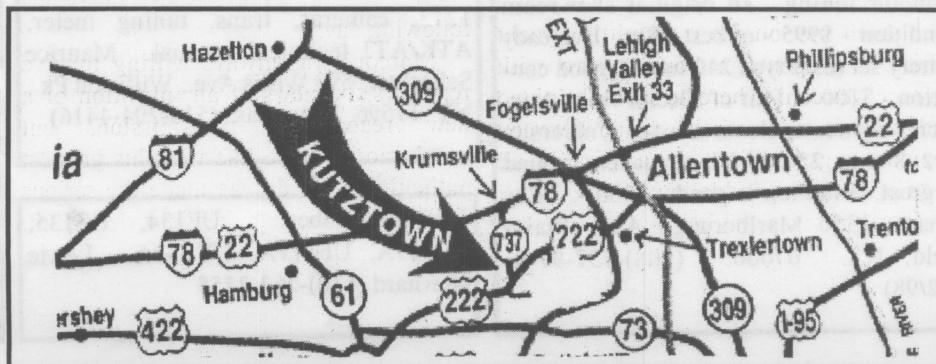
Follow the map below and exit either

Rte. 222 or 78 at "Rte. 737S/Kutztown." Proceed into Kutztown, take a right onto Main Street, then left at the first light to Noble Street. Renninnnger's is 1 mile on the right.

Also on May 15th is the **Central PA Radio Collectors Club Outdoor Swap Meet and Show**. It takes place at 8:00 AM in the Cloverleaf Barn Antique & Gift Village located on Rte. 54W (Exit 33 off Rte. 80) in Danville, Pa. Contact Frank Hagenbuch at (610)-683-6848 for information.

The **Freeport Historical Society** is sponsoring an "Old Time Radio Festival" in honor of the 75th anniversary of radio station WGBB which was founded in Freeport in 1924. The event takes place on Sunday, June 6 from 11:00 AM to 4 PM at the Freeport Recreation Center on Merrick Road. Featured in the festival will be exhibits of radio history, vintage radio equipment sales, clinics, slide shows, radio clubs, etc. Admission is \$2.00 per adult (children free) and proceeds help further the work of the Freeport Historical Society, its museum and its historic radio exhibit. Clubs and individuals are being solicited to present a display, make a presentation or clinic, sell items related to radio history or send display material. For further information, contact Robert J. Raynor at (516)-623-5967.

The **Jersey Shore Amateur Radio Society's "HAMFEST by the Shore"** will take place on Sunday, August 15th at the Bayville Fire House, Route 9, in Bayville NJ. The event features indoor tables in an air conditioned hall, door prizes, VE testing and food and refreshments. Marv Beeferman will have some tickets at the next NJARC meeting or Email JSARSFEST@aol.com.



## 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-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." 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